

Converting Colors

XYZ(75.9854, 81.2248, 89.3772)

Have a look what the booklet for
XYZ(75.9854, 81.2248, 89.3772)
contains.

XYZ(75.9527, 81.1170, 89.4959)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.9527, 81.1170,
89.4959)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EAEA
RGB	227, 234, 234
RGB Percent	89%, 92%, 92%
CMY	0.1098, 0.0823, 0.0823
CMYK	0.03, 0.00, 0.00, 0.08
HSL	180°, 14%, 90%
HSV	180°, 3%, 92%
XYZ	75.9527, 81.1170, 89.4959
YIQ	231.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

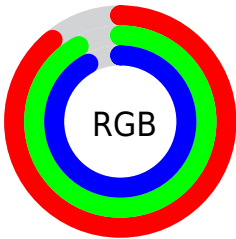
Format	Color
R _Y B	227, 231, 234
Decimal	14936810
CIE Lab	92.18, -2.32, -0.82
CIE LCh	92, 2.464, 199.492
Yxy	81.1170, 0.3080, 0.3290
Android (android.graphics.Color)	4293126890 (0xFFE3EAEA)
YUV	231.9070, 1.0318, -4.3034
Hunter-Lab	90.0650, -7.0829, 4.1301

Details

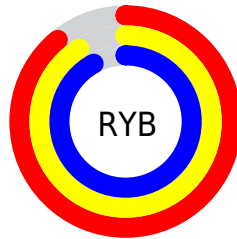
The XYZ color **75.9527, 81.1170, 89.4959** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.2689, 77.9789, 83.7614**, and the grayscale version is **76.6289, 80.6196, 87.7947**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9695, 43.8258, 48.4194** is the 20% darker color. If you saturate the color by 10%, you get **69.0668, 77.5697, 89.1661**, and if you desaturate by 10%, it is **83.8463, 85.1884, 89.8762**.

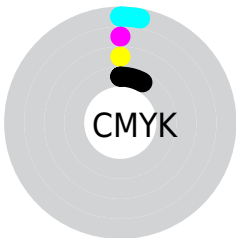
Distribution



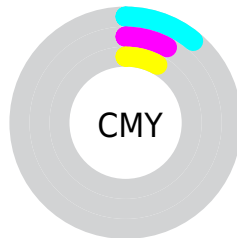
- Red (89%)
- Green (92%)
- Blue (92%)



- Red (89%)
- Yellow (91%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9527, 81.1170, 89.4959 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.9527, 81.1170, 89.4959 by changing the saturation by 10% instead.

■ 75.9527, 81.1170,
89.4959

■ 75.9527, 81.1170,
89.4959

470.1326,
498.6893, 546.9174

■ 56.6906, 60.6380,
66.9913

126.6408,
134.9350, 148.5674

■ 40.9961, 43.9331,
48.6160

158.7975,
169.0428, 185.9713

■ 28.5037, 30.6179,
33.9515

195.9831,
208.4623, 229.1787

■ 18.8481, 20.3081,
22.5793

238.5630,
253.5779, 278.6082

■ 11.6639, 12.6192,
14.0808

286.9026,
304.7740, 334.6783

■ 6.5858, 7.1668,
8.0375

341.3671,

■ 3.2485, 3.5667,

362.4350, 397.8075

4.0308

402.3220,
426.9453, 468.4143

■ 1.2865, 1.4342,
1.6423

■ 0.1731, 0.2418,
0.3207

■ 75.9527, 81.1170,
89.4959

■ 75.9527, 81.1170,
89.4959

■ 69.0668, 77.5697,
89.1661

■ 83.8463, 85.1884,
89.8762

■ 63.1415, 74.5153,
88.8797

■ 85.5194, 86.0507,
89.9636

■ 58.1363, 71.9352,
88.6363

■ 85.5211, 86.0514,
89.9729

■ 54.0049, 69.8056,
88.4338

■ 85.5229, 86.0521,
89.9821

50.6974, 68.1007,
88.2698

85.5246, 86.0528,
89.9914

48.1584, 66.7920,
88.1418

85.5264, 86.0535,
90.0007

46.3261, 65.8476,
88.0469

85.5281, 86.0542,
90.0099

45.1290, 65.2307,
87.9817

85.5299, 86.0549,
90.0192

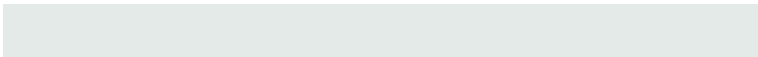
44.4806, 64.8966,
87.9422

85.5317, 86.0556,
90.0284

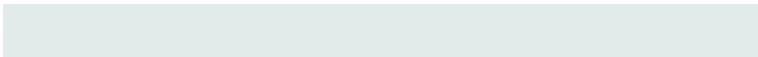
Harmonies

Analogous

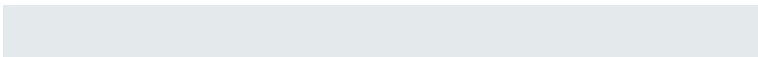
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9036, 81.1170, 87.6857



75.9527, 81.1170, 89.4959



76.3080, 81.1170, 91.0111

Triad

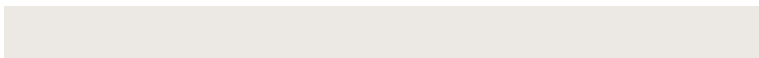
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9527, 81.1170, 89.4959



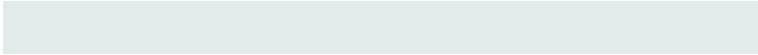
78.0324, 81.1170, 90.6161



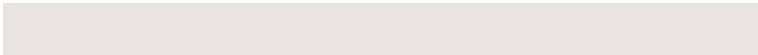
77.3224, 81.1170, 84.9251

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



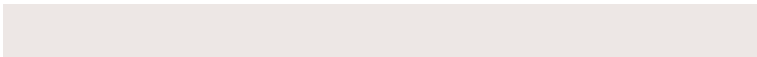
75.9527, 81.1170, 89.4959



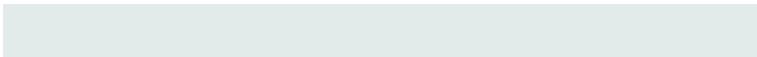
75.2689, 77.9789, 83.7614

Split Complementary

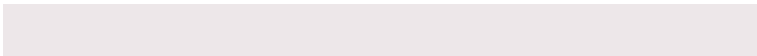
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8960, 81.1170, 85.6876



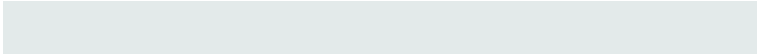
75.9527, 81.1170, 89.4959



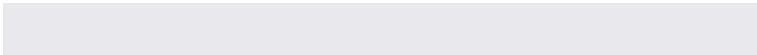
78.3074, 81.1170, 88.9626

Square

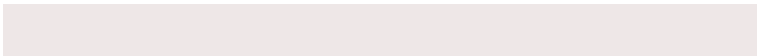
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9527, 81.1170, 89.4959



77.5079, 81.1170, 91.6640



78.2573, 81.1170, 87.1596



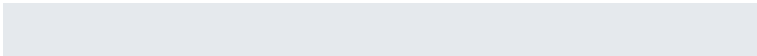
76.6921, 81.1170, 85.0634

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



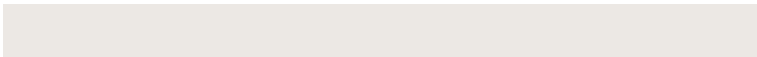
75.9527, 81.1170, 89.4959



76.6718, 81.1170, 91.6423



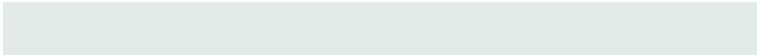
78.2573, 81.1170, 87.1596



77.5283, 81.1170, 85.0841

Sweetspot

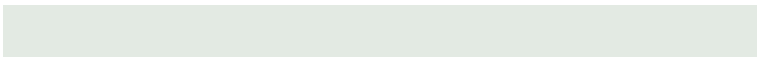
The Sweet Spot groups the original color and five complimentary colors.



75.9550, 81.1205, 89.4977



94.1178, 99.5195, 108.8553



75.0057, 80.7450, 84.3066



20.1549, 21.3063, 23.3000



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

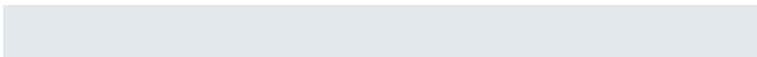
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9550, 81.1205, 89.4977



91.3956, 98.1162, 108.7245



75.0010, 79.2116, 89.1823



16.2351, 17.4918, 19.4419



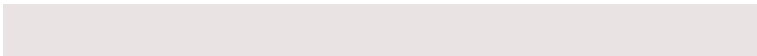
24.8700, 36.4024, 49.4077



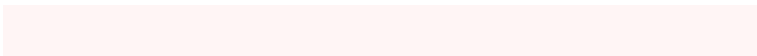
1.9530, 2.8585, 3.8803

Inverse Universe

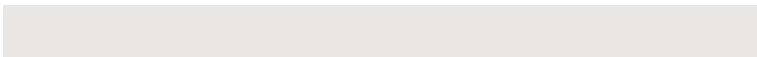
The Inverse Universe completely reimagines the original color for something new.



75.2689, 77.9789, 83.7614



90.2837, 93.0246, 99.4275



76.2034, 79.8487, 84.0704



16.0019, 16.4241, 17.4925



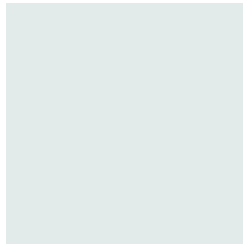
19.0683, 9.8300, 0.8951



1.4974, 0.7719, 0.0709

Previews

White Background



This preview shows how the XYZ color 75.9527, 81.1170, 89.4959 looks on a white background.

Color Contrast Check

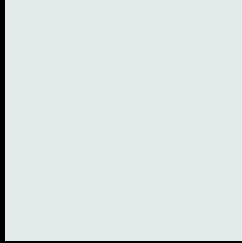
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.9527, 81.1170, 89.4959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

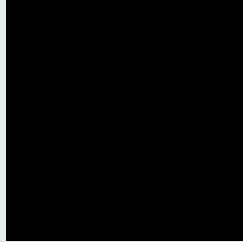
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

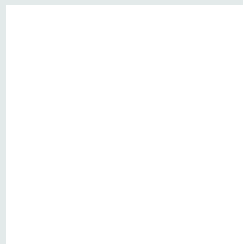
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9527, 81.1170, 89.4959

Background



This preview shows how black text looks on a background with the XYZ color 75.9527, 81.1170, 89.4959.



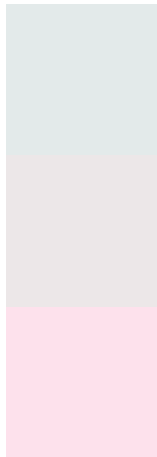
This preview shows how white text looks on a background with the XYZ color 75.9527, 81.1170,

89.4959.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.9527, 81.1170, 89.4959

Protanopia

77.7335, 80.8109, 87.8450

Deuteranopia

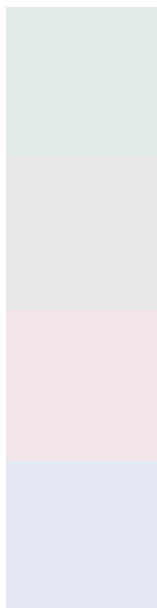
82.5735, 80.7892, 90.5987



Tritanopia

78.7451, 81.4383, 102.0113

Trichromacy



Original Color

75.9527, 81.1170, 89.4959

Protanomaly

77.1689, 80.9201, 88.6427

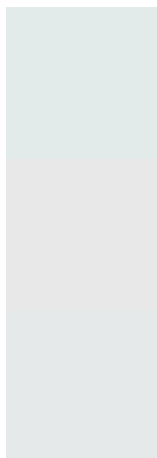
Deuteranomaly

80.0470, 80.7181, 89.9585

Tritanomaly

77.7811, 81.4675, 97.2132

Monochromacy



Original Color

75.9527, 81.1170, 89.4959

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.4800, 80.9840, 88.6913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9527, 81.1170, 89.4959 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(227, 234, 234) looks like.

```
.text, #text, p{  
    color:rgb(227, 234, 234)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 234, 234) }
```

Border

The CSS property to change the border of an element to XYZ 75.9527, 81.1170, 89.4959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 234, 234) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(227, 234, 234) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(227, 234, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(227, 234,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9527, 81.1170, 89.4959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 234, 234) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
234, 234) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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