

Converting Colors

XYZ(75.6847, 79.8712, 90.2603)

Have a look what the booklet for
XYZ(75.6847, 79.8712, 90.2603)
contains.

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Color

**XYZ(75.5662, 79.6440,
89.9873)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E7EB
RGB	228, 231, 235
RGB Percent	89%, 91%, 92%
CMY	0.1059, 0.0941, 0.0784
CMYK	0.03, 0.02, 0.00, 0.08
HSL	214°, 15%, 91%
HSV	214°, 3%, 92%
XYZ	75.5662, 79.6440, 89.9873
YIQ	230.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

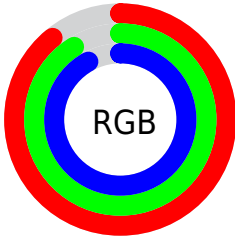
Format	Color
R_{YB}	228, 230, 235
Decimal	15001579
CIE Lab	91.52, -0.27, -2.30
CIE LCh	92, 2.316, 263.265
Yxy	79.6440, 0.3082, 0.3248
Android (android.graphics.Color)	4293191659 (0xFFE4E7EB)
YUV	230.5590, 2.1894, -2.2442
Hunter-Lab	89.2435, -5.0327, 2.6863

Details

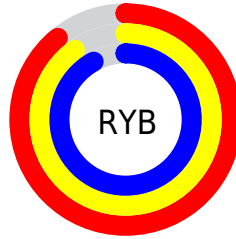
The XYZ color **75.5662, 79.6440, 89.9873** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.1212, 80.9758, 84.9651**, and the grayscale version is **75.6158, 79.5537, 86.6340**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7002, 42.7989, 48.7637** is the 20% darker color. If you saturate the color by 10%, you get **65.0004, 68.8371, 88.4594**, and if you desaturate by 10%, it is **87.4377, 91.5557, 91.6620**.

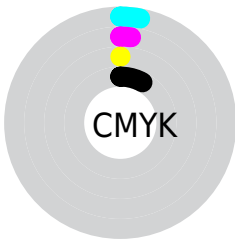
Distribution



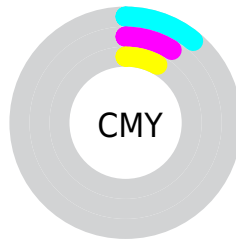
- Red (89%)
- Green (91%)
- Blue (92%)



- Red (89%)
- Yellow (90%)
- Blue (92%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5662, 79.6440, 89.9873 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 75.5662, 79.6440, 89.9873 by changing the saturation by 10% instead.

■ 75.5662, 79.6440,
89.9873

■ 75.5662, 79.6440,
89.9873

468.8287,
493.7323, 548.5586

■ 56.3727, 59.4254,
67.3965

126.0971,
132.8651, 149.2561

■ 40.7400, 42.9557,
48.9433

158.1653,
166.6364, 186.7712

■ 28.3027, 29.8504,
34.2092

195.2557,
205.6941, 230.0980

■ 18.6956, 19.7250,
22.7757

237.7336,
250.4226, 279.6553

■ 11.5532, 12.1953,
14.2242

285.9646,
301.2063, 335.8614

■ 6.5103, 6.8768,
8.1363

340.3138,

■ 3.2013, 3.3852,

358.4295, 399.1350

4.0932

401.1467,
422.4767, 469.8945

■ 1.2611, 1.3360,
1.6766

■ 0.1538, 0.1688,
0.3446

■ 75.5662, 79.6440,
89.9873

■ 75.5662, 79.6440,
89.9873

■ 65.0004, 68.8371,
88.4594

■ 87.4377, 91.5557,
91.6620

■ 55.6864, 59.0911,
87.0692

■ 91.9956, 98.7782,
92.8159

■ 47.5766, 50.3737,
85.8140

■ 40.6175, 42.6471,
84.6894

■ 34.7513, 35.8710,
83.6906

■ 29.9147, 30.0015,
82.8126

■ 26.0373, 24.9909,
82.0499

■ 23.0387, 20.7854,
81.3961

■ 20.8228, 17.3226,
80.8446

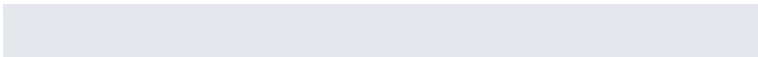
Harmonies

Analogous

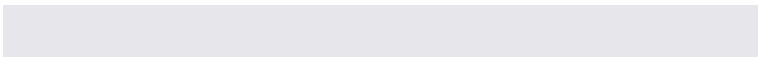
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0224, 79.6440, 89.3501



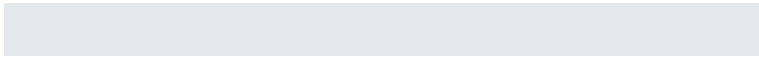
75.5662, 79.6440, 89.9873



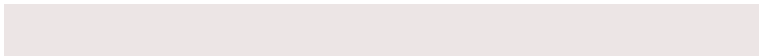
76.1485, 79.6440, 89.7396

Triad

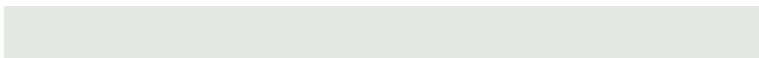
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5662, 79.6440, 89.9873



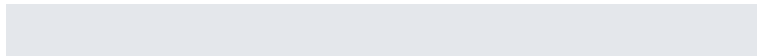
76.7468, 79.6440, 85.4411



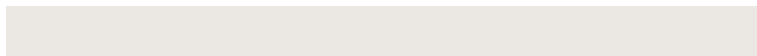
74.7932, 79.6440, 84.7890

Complementary

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



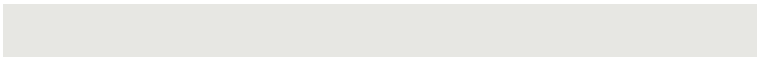
75.5662, 79.6440, 89.9873



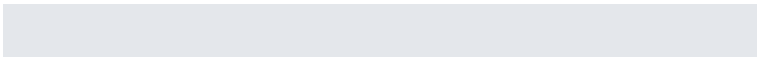
77.1212, 80.9758, 84.9651

Split Complementary

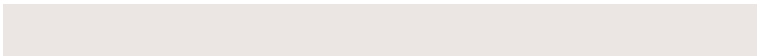
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2518, 79.6440, 83.7665



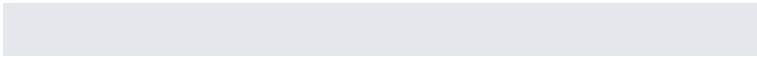
75.5662, 79.6440, 89.9873



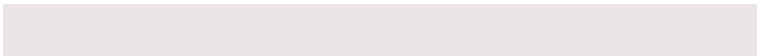
76.3802, 79.6440, 84.1396

Square

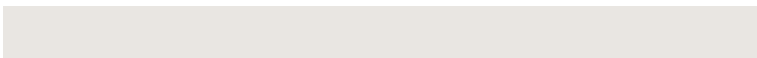
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



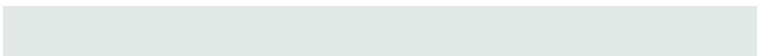
75.5662, 79.6440, 89.9873



76.8321, 79.6440, 87.1006



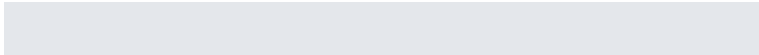
75.8324, 79.6440, 83.5304



74.5776, 79.6440, 86.3381

Rectangle

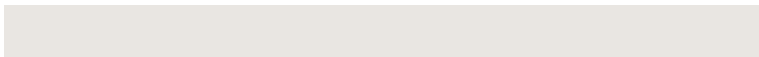
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5662, 79.6440, 89.9873



76.4798, 79.6440, 89.1075



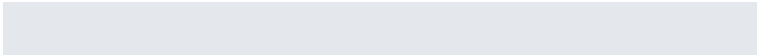
75.8324, 79.6440, 83.5304



74.9239, 79.6440, 84.3731

Sweetspot

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



75.5685, 79.6474, 89.9890



93.6554, 98.5943, 108.7022



76.2651, 81.7362, 88.0773



20.0608, 21.1181, 23.2688



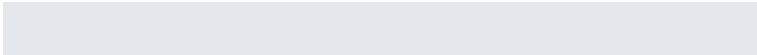
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

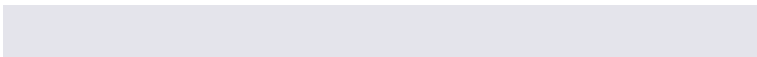
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5685, 79.6474, 89.9890



89.5669, 94.4575, 108.1192



74.8831, 78.0566, 89.7181



15.8509, 16.7230, 19.3147



11.0484, 8.7439, 44.8484



0.9613, 0.8741, 3.5529

Inverse Universe

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



76.4299, 78.9199, 86.8102



90.9585, 93.2945, 102.9811



77.8202, 82.6022, 85.2422



16.1430, 16.4806, 18.2355



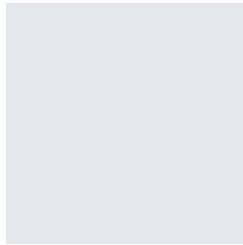
20.4320, 10.3755, 8.0764



1.6517, 0.8337, 0.8834

Previews

White Background



This preview shows how the XYZ color 75.5662, 79.6440, 89.9873 looks on a white background.

Color Contrast Check

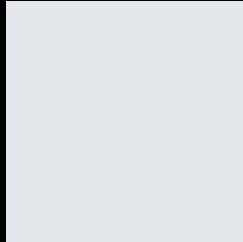
Large Text (above 18pt) WCAG AA × Fail

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 75.5662, 79.6440, 89.9873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

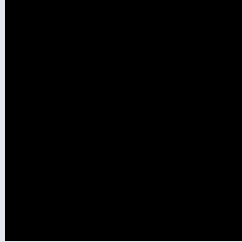
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

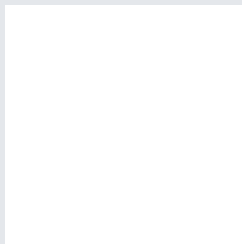
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5662, 79.6440, 89.9873

Background



This preview shows how black text looks on a background with the XYZ color 75.5662, 79.6440, 89.9873.



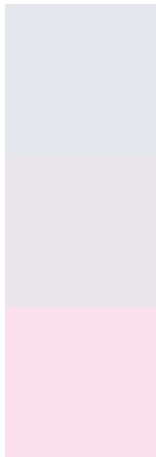
This preview shows how white text looks on a background with the XYZ color 75.5662, 79.6440,

89.9873.

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

75.5662, 79.6440, 89.9873

Protanopia

76.8023, 79.4716, 89.1335

Deuteranopia

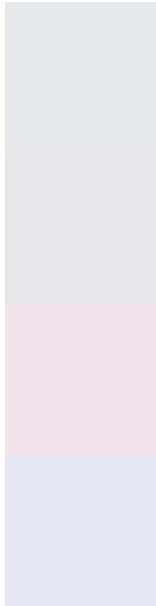
81.0981, 79.2138, 91.1362



Tritanopia

77.4409, 79.5770, 99.2740

Trichromacy



Original Color

75.5662, 79.6440, 89.9873

Protanomaly

76.4268, 79.6899, 89.1955

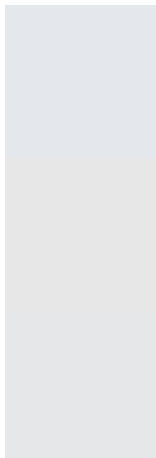
Deuteranomaly

78.9546, 79.3261, 90.5070

Tritanomaly

76.7876, 79.7227, 96.1349

Monochromacy



Original Color

75.5662, 79.6440, 89.9873

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.7745, 79.8010, 87.7533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5662, 79.6440, 89.9873 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(228, 231, 235) looks like.

```
.text, #text, p{  
    color:rgb(228, 231, 235)  
}
```

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(228, 231, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 231, 235) }
```

Border

The CSS property to change the border of an element to XYZ 75.5662, 79.6440, 89.9873 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(228, 231, 235) }
```


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

```
.border{ border-color:rgb(228, 231, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 231, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 231, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 231, 235);  
box-shadow:4px 4px 4px 4px rgb(228, 231,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5662, 79.6440, 89.9873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 231, 235) }
```

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

```
.background{ background-color: rgb(228,  
231, 235) }
```

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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