

Converting Colors

XYZ(75.0713, 79.5251, 89.1493)

Have a look what the booklet for
XYZ(75.0713, 79.5251, 89.1493)
contains.

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Color

**XYZ(75.1058, 79.4232,
89.2136)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E7EA
RGB	227, 231, 234
RGB Percent	89%, 91%, 92%
CMY	0.1098, 0.0941, 0.0823
CMYK	0.03, 0.01, 0.00, 0.08
HSL	206°, 14%, 90%
HSV	206°, 3%, 92%
XYZ	75.1058, 79.4232, 89.2136
YIQ	230.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

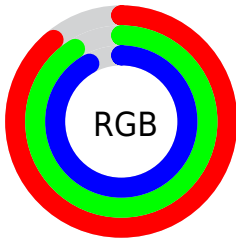
Format	Color
R_{YB}	227, 230, 234
Decimal	14936042
CIE _{Lab}	91.43, -0.79, -1.93
CIE _{LCh}	91, 2.086, 247.878
Yxy	79.4232, 0.3081, 0.3258
Android (android.graphics.Color)	4293126122 (0xFFE3E7EA)
YUV	230.1460, 1.9000, -2.7590
Hunter-Lab	89.1197, -5.5282, 3.0313

Details

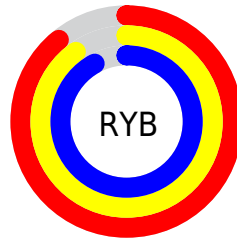
The XYZ color **75.1058, 79.4232, 89.2136** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.0939, 79.6315, 84.0343**, and the grayscale version is **75.3119, 79.2340, 86.2858**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3791, 42.6450, 48.2226** is the 20% darker color. If you saturate the color by 10%, you get **65.4977, 70.4285, 87.9851**, and if you desaturate by 10%, it is **85.8820, 89.2627, 90.5460**.

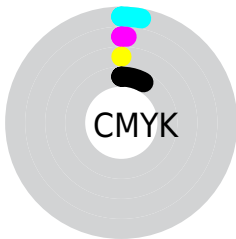
Distribution



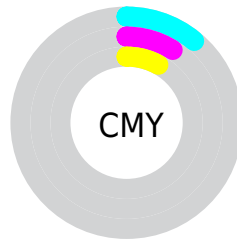
- Red (89%)
- Green (91%)
- Blue (92%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1058, 79.4232, 89.2136 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 75.1058, 79.4232, 89.2136 by changing the saturation by 10% instead.

■ 75.1058, 79.4232,
89.2136

■ 75.1058, 79.4232,
89.2136

467.2727,
492.9869, 545.9733

■ 55.9941, 59.2438,
66.7586

125.4492,
132.5545, 148.1715

■ 40.4351, 42.8094,
48.4281

157.4116,
166.2752, 185.5115

■ 28.0637, 29.7356,
33.8036

194.3882,
205.2784, 228.6502

■ 18.5144, 19.6380,
22.4666

236.7445,
249.9486, 278.0061

■ 11.4218, 12.1322,
13.9986

284.8457,
300.6702, 333.9979

■ 6.4207, 6.8338,
7.9809

339.0572,

■ 3.1456, 3.3584,

357.8275, 397.0440

3.9952

399.7445,
421.8049, 467.5629

■ 1.2312, 1.3216,
1.6227

■ 0.1308, 0.1578,
0.3069

■ 75.1058, 79.4232,
89.2136

■ 75.1058, 79.4232,
89.2136

■ 65.4977, 70.4285,
87.9851

■ 85.8820, 89.2627,
90.5460

■ 57.0081, 62.2425,
86.8525

■ 90.6009, 96.2193,
91.6401

■ 49.5935, 54.8409,
85.8146

■ 91.8515, 98.7206,
92.0570

■ 43.2051, 48.1943,
84.8684

■ 37.7899, 42.2713,
84.0105

■ 33.2896, 37.0373,
83.2375

■ 29.6394, 32.4543,
82.5452

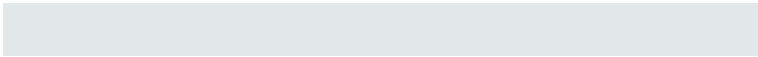
■ 26.7646, 28.4792,
81.9295

■ 24.5754, 25.0609,
81.3851

Harmonies

Analogous

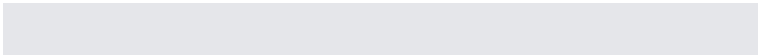
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6869, 79.4232, 88.2848



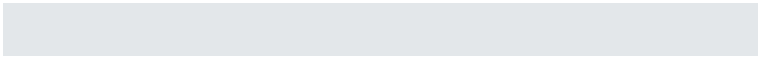
75.1058, 79.4232, 89.2136



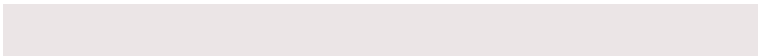
75.6293, 79.4232, 89.4052

Triad

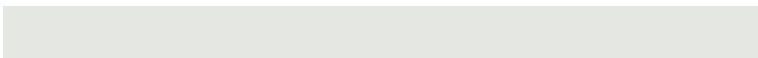
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1058, 79.4232, 89.2136



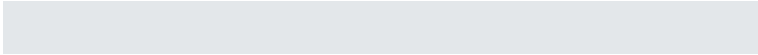
76.5045, 79.4232, 86.0785



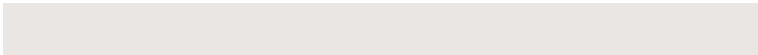
74.8647, 79.4232, 84.1924

Complementary

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



75.1058, 79.4232, 89.2136



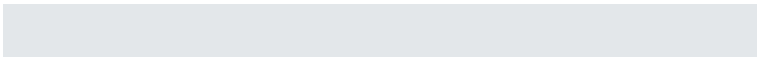
76.0939, 79.6315, 84.0343

Split Complementary

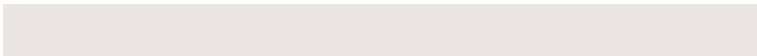
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3496, 79.4232, 83.6161



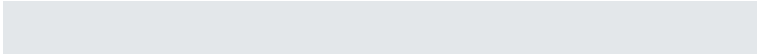
75.1058, 79.4232, 89.2136



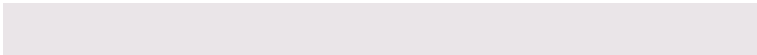
76.2976, 79.4232, 84.6967

Square

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



75.1058, 79.4232, 89.2136



76.4385, 79.4232, 87.5834



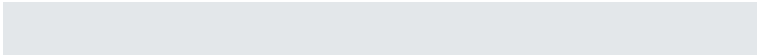
75.8742, 79.4232, 83.7996



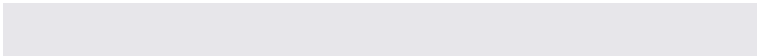
74.5481, 79.4232, 85.3826

Rectangle

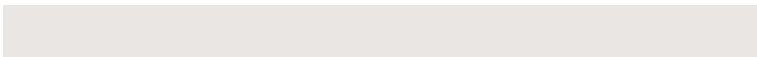
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



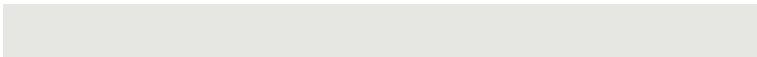
75.1058, 79.4232, 89.2136



75.9674, 79.4232, 89.0871



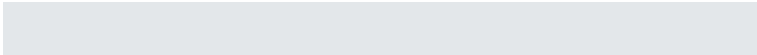
75.8742, 79.4232, 83.7996



75.0133, 79.4232, 83.9211

Sweetspot

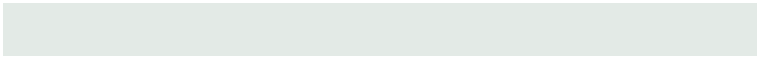
The Sweet Spot groups the original color and five complimentary colors.



75.1081, 79.4266, 89.2153



93.7708, 98.8251, 108.7406



75.3739, 80.8863, 86.4429



20.0843, 21.1650, 23.2767



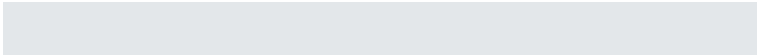
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

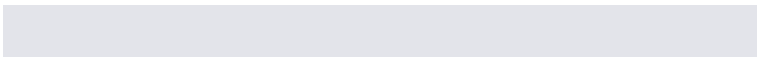
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1081, 79.4266, 89.2153



90.0193, 95.3622, 108.2700



74.1601, 77.5307, 88.8994



15.9457, 16.9127, 19.3463



13.2506, 13.1482, 45.5824



1.1356, 1.2227, 3.6110

Inverse Universe

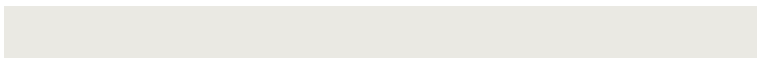
The Inverse Universe completely reimagines the original color for something new.



75.8264, 78.2018, 86.7032



91.1868, 93.3858, 104.1835



77.0551, 81.5538, 84.3547



16.1909, 16.4997, 18.4876



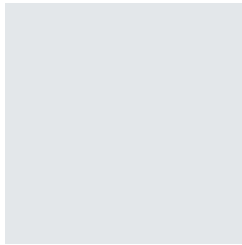
21.5436, 10.8201, 13.9297



1.7397, 0.8688, 1.3467

Previews

White Background



This preview shows how the XYZ color 75.1058, 79.4232, 89.2136 looks on a white background.

Color Contrast Check

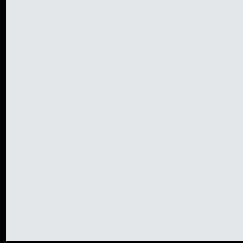
Large Text (above 18pt) WCAG AA × Fail

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 75.1058, 79.4232, 89.2136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

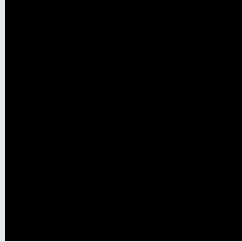
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

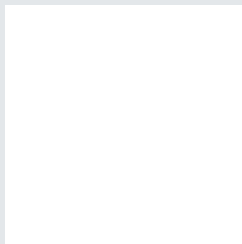
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1058, 79.4232, 89.2136

Background



This preview shows how black text looks on a background with the XYZ color 75.1058, 79.4232, 89.2136.



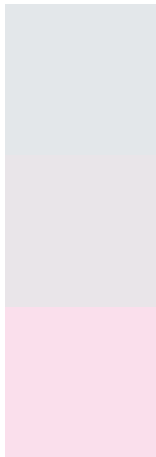
This preview shows how white text looks on a background with the XYZ color 75.1058, 79.4232,

89.2136.

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

75.1058, 79.4232, 89.2136

Protanopia

76.3316, 79.2455, 88.3636

Deuteranopia

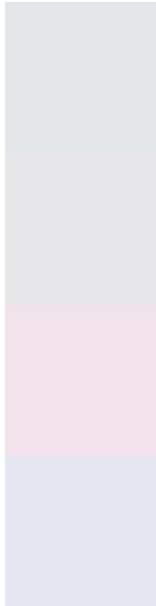
80.9523, 79.1555, 90.3688



Tritanopia

77.1209, 79.4120, 99.2590

Trichromacy



Original Color

75.1058, 79.4232, 89.2136

Protanomaly

75.9598, 79.4657, 88.4257

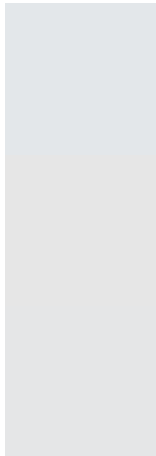
Deuteranomaly

78.8097, 79.2681, 89.7438

Tritanomaly

76.3187, 79.4984, 95.3267

Monochromacy



Original Color

75.1058, 79.4232, 89.2136

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.0337, 79.0212, 86.8992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1058, 79.4232, 89.2136 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, 231, 234) looks like.

```
.text, #text, p{  
    color:rgb(227, 231, 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, 231, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 231, 234) }
```

Border

The CSS property to change the border of an element to XYZ 75.1058, 79.4232, 89.2136 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, 231, 234) }
```


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

```
.border{ border-color:rgb(227, 231, 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, 231, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 231, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 231, 234);  
box-shadow:4px 4px 4px 4px rgb(227, 231,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1058, 79.4232, 89.2136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 231, 234) }
```

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

```
.background{ background-color: rgb(227,  
231, 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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