

Converting Colors

XYZ(74.9828, 79.4702, 85.6119)

Have a look what the booklet for
XYZ(74.9828, 79.4702, 85.6119)
contains.

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Color

**XYZ(75.0319, 79.4670,
85.5128)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E7E5
RGB	229, 231, 229
RGB Percent	90%, 91%, 90%
CMY	0.1020, 0.0941, 0.1020
CMYK	0.01, 0.00, 0.01, 0.09
HSL	120°, 4%, 90%
HSV	120°, 1%, 91%
XYZ	75.0319, 79.4670, 85.5128
YIQ	230.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

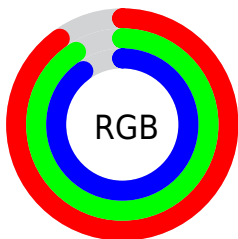
Format	Color
R _Y B	229, 231, 231
Decimal	15067109
CIE Lab	91.45, -1.02, 0.73
CIE LCh	91, 1.254, 144.622
Yxy	79.4670, 0.3126, 0.3311
Android (android.graphics.Color)	4293257189 (0xFFE5E7E5)
YUV	230.1740, -0.5788, -1.0296
Hunter-Lab	89.1443, -5.7607, 5.5263

Details

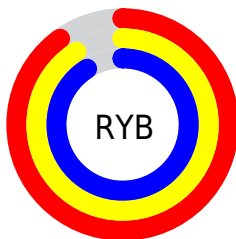
The XYZ color **75.0319, 79.4670, 85.5128** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.4011, 78.7992, 86.8411**, and the grayscale version is **75.3490, 79.2730, 86.3283**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4255, 42.7146, 46.1585** is the 20% darker color. If you saturate the color by 10%, you get **65.1322, 74.7140, 69.3181**, and if you desaturate by 10%, it is **86.3462, 84.9042, 104.0174**.

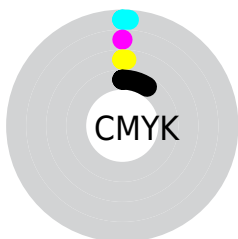
Distribution



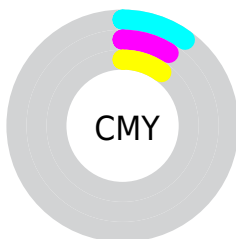
- Red (90%)
- Green (91%)
- Blue (90%)



- Red (90%)
- Yellow (91%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0319, 79.4670, 85.5128 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 75.0319, 79.4670, 85.5128 by changing the saturation by 10% instead.

■ 75.0319, 79.4670,
85.5128

■ 75.0319, 79.4670,
85.5128

467.0227,
493.1348, 533.5121

■ 55.9333, 59.2798,
63.7126

125.3452,
132.6161, 142.9699

■ 40.3862, 42.8384,
45.9732

157.2906,
166.3468, 179.4639

■ 28.0254, 29.7584,
31.8762

194.2489,
205.3609, 221.6930

■ 18.4853, 19.6553,
21.0029

236.5856,
250.0427, 270.0755

■ 11.4008, 12.1447,
12.9349

284.6660,
300.7765, 325.0302

■ 6.4064, 6.8423,
7.2535

338.8554,

■ 3.1367, 3.3637,

357.9469, 386.9755

3.5403

399.5192,
421.9382, 456.3300

■ 1.2265, 1.3244,
1.3767

■ 0.1271, 0.1600,
0.1234

■ 75.0319, 79.4670,
85.5128

■ 75.0319, 79.4670,
85.5128

■ 65.1322, 74.7140,
69.3181

■ 86.3462, 84.9042,
104.0174

■ 56.5850, 70.6084,
55.3377

■ 87.8675, 85.6349,
106.5058

■ 49.3337, 67.1252,
43.4769

■ 43.3152, 64.2342,
33.6324

■ 38.4607, 61.9023,
25.6921

■ 34.6953, 60.0936,
19.5329

■ 31.9348, 58.7676,
15.0176

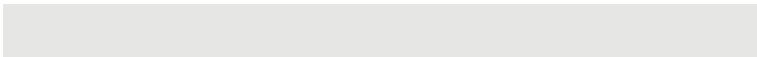
■ 30.0830, 57.8781,
11.9886

■ 29.0250, 57.3699,
10.2580

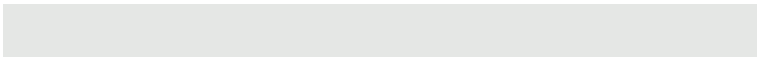
Harmonies

Analogous

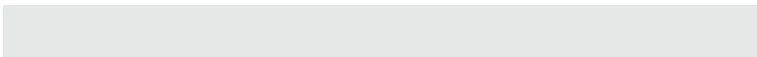
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2757, 79.4670, 84.9386



75.0319, 79.4670, 85.5128



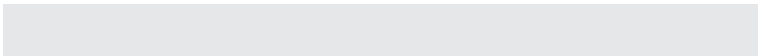
74.9219, 79.4670, 86.3615

Triad

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



75.0319, 79.4670, 85.5128



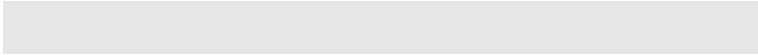
75.4735, 79.4670, 88.2871



76.0901, 79.4670, 85.7961

Complementary

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



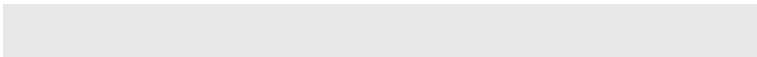
75.0319, 79.4670, 85.5128



75.4011, 78.7992, 86.8411

Split Complementary

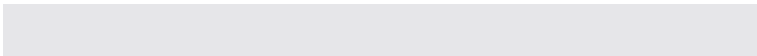
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1434, 79.4670, 86.6908



75.0319, 79.4670, 85.5128



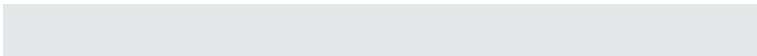
75.7869, 79.4670, 88.1331

Square

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



75.0319, 79.4670, 85.5128



75.1764, 79.4670, 87.9665



76.0323, 79.4670, 87.5473



75.8867, 79.4670, 85.1014

Rectangle

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



75.0319, 79.4670, 85.5128



74.9389, 79.4670, 86.9703



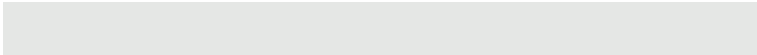
76.0323, 79.4670, 87.5473



76.1262, 79.4670, 86.0833

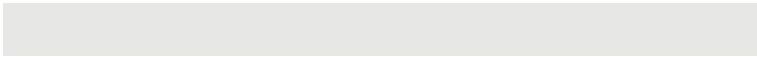
Sweetspot

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



75.0341, 79.4704, 85.5145

95.0500, 100.0000, 108.9000



75.6773, 79.8020, 85.5446



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

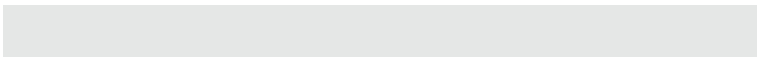
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0341, 79.4704, 85.5145



93.7102, 99.3564, 106.7085



75.1745, 79.5265, 86.2536



16.0048, 16.9612, 18.2315



16.0201, 32.0401, 5.3401



1.1838, 2.3677, 0.3946

Inverse Universe

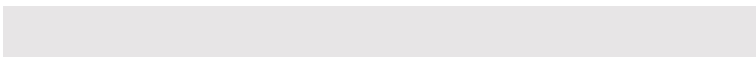
The Inverse Universe completely reimagines the original color for something new.



75.4011, 78.7992, 86.8411



94.2419, 98.3838, 108.6306



75.2600, 78.7427, 86.0978



16.0901, 16.8051, 18.5400



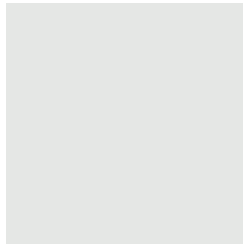
26.5610, 12.7586, 43.4448



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 75.0319, 79.4670, 85.5128 looks on a white background.

Color Contrast Check

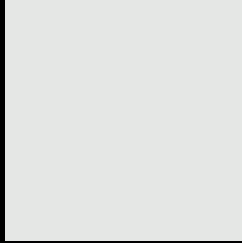
Large Text (above 18pt) WCAG AA × Fail

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 75.0319, 79.4670, 85.5128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

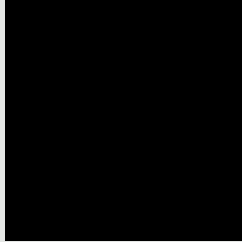
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

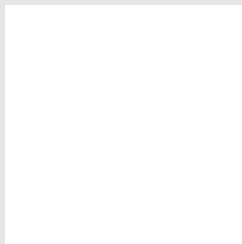
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0319, 79.4670, 85.5128

Background



This preview shows how black text looks on a background with the XYZ color 75.0319, 79.4670, 85.5128.



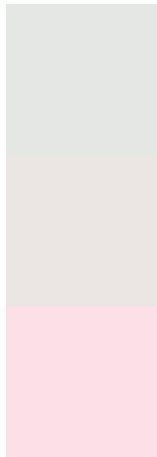
This preview shows how white text looks on a background with the XYZ color 75.0319, 79.4670,

85.5128.

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

75.0319, 79.4670, 85.5128

Protanopia

76.2839, 79.3022, 84.6851

Deuteranopia

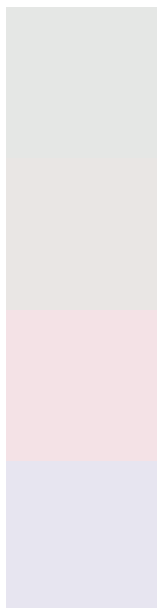
80.9564, 79.2403, 86.6294



Tritanopia

77.6567, 79.2964, 98.4016

Trichromacy



Original Color

75.0319, 79.4670, 85.5128

Protanomaly

75.9047, 79.5187, 84.7468

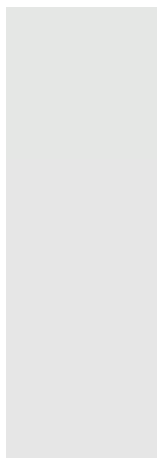
Deuteranomaly

78.7875, 79.3390, 86.0243

Tritanomaly

76.7025, 79.3188, 93.7055

Monochromacy



Original Color

75.0319, 79.4670, 85.5128

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.2129, 79.1298, 86.1723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0319, 79.4670, 85.5128 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(229, 231, 229) looks like.

```
.text, #text, p{  
    color:rgb(229, 231, 229)  
}
```

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(229, 231, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 231, 229) }
```

Border

The CSS property to change the border of an element to XYZ 75.0319, 79.4670, 85.5128 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(229, 231, 229) }
```

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

```
.border{ border-color:rgb(229, 231, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 231, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 231, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 231, 229);  
box-shadow:4px 4px 4px 4px rgb(229, 231,  
229) }
```


Background

The CSS property to change the background color of an element to XYZ 75.0319, 79.4670, 85.5128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 231, 229) }
```

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

```
.background{ background-color: rgb(229,  
231, 229) }
```

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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