

Converting Colors

XYZ(74.7266, 78.0541, 85.7642)

Have a look what the booklet for
XYZ(74.7266, 78.0541, 85.7642)
contains.

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Color

**XYZ(74.6595, 78.0230,
85.9879)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E4E6
RGB	230, 228, 230
RGB Percent	90%, 89%, 90%
CMY	0.0980, 0.1059, 0.0980
CMYK	0.00, 0.01, 0.00, 0.10
HSL	300°, 4%, 90%
HSV	300°, 1%, 90%
XYZ	74.6595, 78.0230, 85.9879
YIQ	228.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

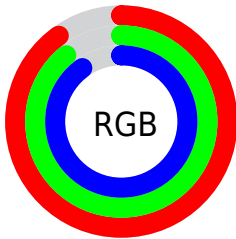
Format	Color
R _Y B	230, 228, 230
Decimal	15131878
CIE Lab	90.79, 1.03, -0.74
CIE LCh	91, 1.274, 324.266
Yxy	78.0230, 0.3128, 0.3269
Android (android.graphics.Color)	4293321958 (0xFFE6E4E6)
YUV	228.8260, 0.5788, 1.0296
Hunter-Lab	88.3306, -3.7054, 4.1139

Details

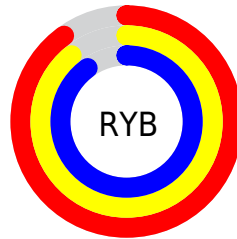
The XYZ color **74.6595, 78.0230, 85.9879** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2983, 78.6912, 84.6758**, and the grayscale version is **74.3458, 78.2176, 85.1790**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3606, 42.0962, 46.5556** is the 20% darker color. If you saturate the color by 10%, you get **68.7494, 66.2017, 84.0188**, and if you desaturate by 10%, it is **81.4158, 91.5344, 88.2410**.

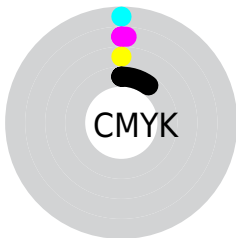
Distribution



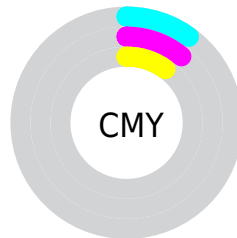
- Red (90%)
- Green (89%)
- Blue (90%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6595, 78.0230, 85.9879 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 74.6595, 78.0230, 85.9879 by changing the saturation by 10% instead.

■ 74.6595, 78.0230,
85.9879

■ 74.6595, 78.0230,
85.9879

465.7616,
488.2449, 535.1209

■ 55.6272, 58.0929,
64.1031

124.8207,
130.5825, 143.6390

■ 40.1399, 41.8833,
46.2875

156.6804,
163.9808, 180.2424

■ 27.8323, 29.0099,
32.1224

193.5465,
202.6371, 222.5891

■ 18.3391, 19.0883,
21.1894

235.7844,
246.9360, 271.0976

■ 11.2949, 11.7341,
13.0700

283.7596,
297.2618, 326.1865

■ 6.3343, 6.5629,
7.3454

337.8372,

■ 3.0920, 3.1903,

353.9990, 388.2744

3.5974

398.3828,
417.5319, 457.7796

■ 1.2026, 1.2319,
1.4072

■ 0.1084, 0.0875,
0.1473

■ 74.6595, 78.0230,
85.9879

■ 74.6595, 78.0230,
85.9879

■ 68.7494, 66.2017,
84.0188

■ 81.4158, 91.5344,
88.2410

■ 63.6458, 55.9945,
82.3176

■ 82.6768, 94.0565,
88.6613

■ 59.3158, 47.3345,
80.8743

■ 82.6768, 94.0565,
88.6613

■ 55.7216, 40.1462,
79.6762

■ 82.6768, 94.0565,
88.6613

52.8224, 34.3478,
78.7098

82.6768, 94.0565,
88.6613

50.5733, 29.8496,
77.9601

82.6768, 94.0565,
88.6613

48.9242, 26.5513,
77.4104

82.6768, 94.0565,
88.6613

47.8176, 24.3382,
77.0415

82.6768, 94.0565,
88.6614

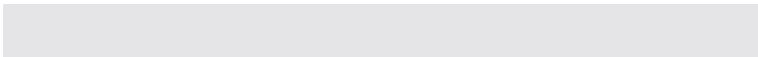
47.1850, 23.0730,
76.8306

82.6768, 94.0565,
88.6614

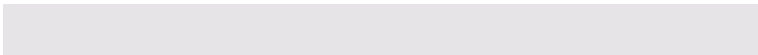
Harmonies

Analogous

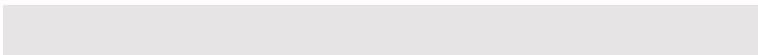
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4119, 78.0230, 86.5717



74.6595, 78.0230, 85.9879



74.7729, 78.0230, 85.1301

Triad

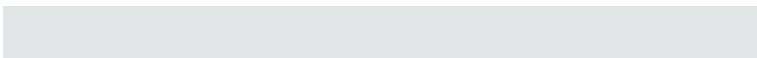
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6595, 78.0230, 85.9879



74.2201, 78.0230, 83.2111



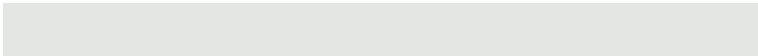
73.5986, 78.0230, 85.6806

Complementary

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



74.6595, 78.0230, 85.9879



74.2983, 78.6912, 84.6758

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.



73.5475, 78.0230, 84.7777



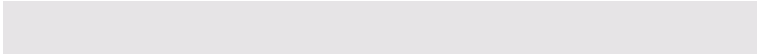
74.6595, 78.0230, 85.9879



73.9057, 78.0230, 83.3562

Square

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



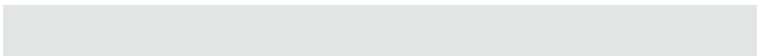
74.6595, 78.0230, 85.9879



74.5187, 78.0230, 83.5303



73.6598, 78.0230, 83.9280



73.7995, 78.0230, 86.3934

Rectangle

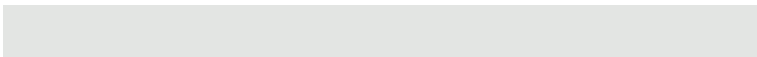
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6595, 78.0230, 85.9879



74.7569, 78.0230, 84.5199



73.6598, 78.0230, 83.9280



73.5633, 78.0230, 85.3891

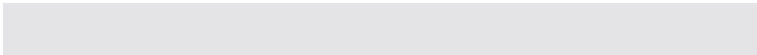
Sweetspot

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



74.6617, 78.0264, 85.9896

95.0500, 100.0000, 108.9000



74.0247, 77.6980, 85.9598



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

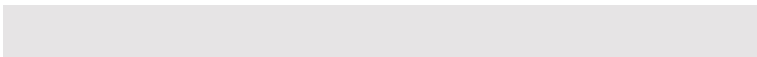
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6617, 78.0264, 85.9896



94.2419, 98.3838, 108.6306



74.5219, 77.9704, 85.2534



16.0901, 16.8051, 18.5400



26.5612, 12.7587, 43.4459



1.9628, 0.9428, 3.2105

Inverse Universe

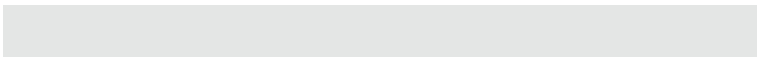
The Inverse Universe completely reimagines the original color for something new.



74.6617, 78.0264, 85.9896



94.2419, 98.3838, 108.6306



74.4373, 78.7468, 85.4077



16.0901, 16.8051, 18.5400



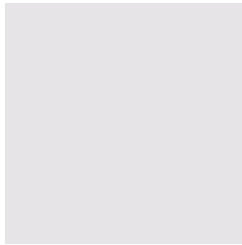
26.5612, 12.7587, 43.4459



1.9628, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 74.6595, 78.0230, 85.9879 looks on a white background.

Color Contrast Check

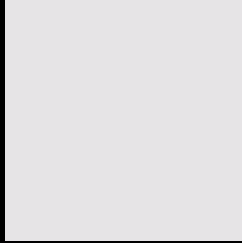
Large Text (above 18pt) WCAG AA × Fail

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 74.6595, 78.0230, 85.9879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

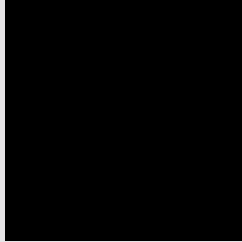
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

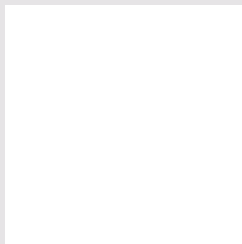
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6595, 78.0230, 85.9879

Background



This preview shows how black text looks on a background with the XYZ color 74.6595, 78.0230, 85.9879.



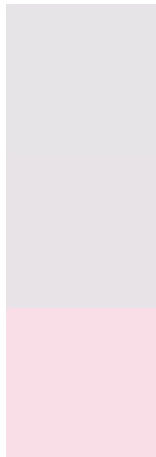
This preview shows how white text looks on a background with the XYZ color 74.6595, 78.0230,

85.9879.

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

74.6595, 78.0230, 85.9879

Protanopia

75.0307, 77.8071, 85.9266

Deuteranopia

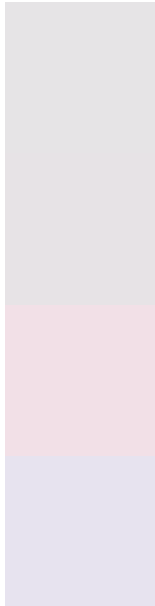
79.3472, 77.6222, 86.4018



Tritanopia

76.8042, 78.0802, 96.6109

Trichromacy



Original Color

74.6595, 78.0230, 85.9879

Protanomaly

74.7070, 77.6403, 85.9115

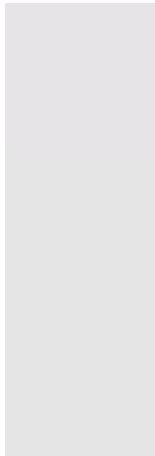
Deuteranomaly

77.6974, 77.9581, 86.5536

Tritanomaly

76.0041, 78.1591, 92.7417

Monochromacy



Original Color

74.6595, 78.0230, 85.9879

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.4753, 78.3538, 85.3273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6595, 78.0230, 85.9879 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(230, 228, 230) looks like.

```
.text, #text, p{  
    color:rgb(230, 228, 230)  
}
```

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(230, 228, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 228, 230) }
```

Border

The CSS property to change the border of an element to XYZ 74.6595, 78.0230, 85.9879 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(230, 228, 230) }
```

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

```
.border{ border-color:rgb(230, 228, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 228, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 228, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 228, 230);  
box-shadow:4px 4px 4px 4px rgb(230, 228,  
230) }
```


Background

The CSS property to change the background color of an element to XYZ 74.6595, 78.0230, 85.9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 228, 230) }
```

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

```
.background{ background-color: rgb(230,  
228, 230) }
```

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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