

Converting Colors

XYZ(74.7443, 78.1976, 85.5333)

Have a look what the booklet for
XYZ(74.7443, 78.1976, 85.5333)
contains.

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Color

**XYZ(74.5194, 77.9669,
85.2503)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E4E5
RGB	230, 228, 229
RGB Percent	90%, 89%, 90%
CMY	0.0980, 0.1059, 0.1020
CMYK	0.00, 0.01, 0.00, 0.10
HSL	330°, 4%, 90%
HSV	330°, 1%, 90%
XYZ	74.5194, 77.9669, 85.2503
YIQ	228.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

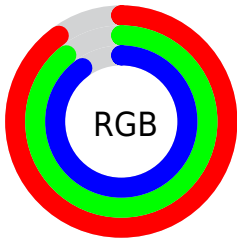
Format	Color
R _{YB}	230, 228, 229
Decimal	15131877
CIE Lab	90.76, 0.86, -0.26
CIE LCh	91, 0.894, 343.217
Yxy	77.9669, 0.3135, 0.3280
Android (android.graphics.Color)	4293321957 (0xFFE6E4E5)
YUV	228.7120, 0.1420, 1.1296
Hunter-Lab	88.2989, -3.8788, 4.5662

Details

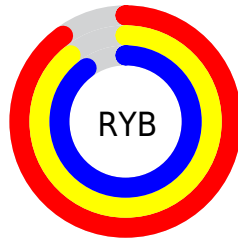
The XYZ color **74.5194, 77.9669, 85.2503** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4375, 78.7468, 85.4090**, and the grayscale version is **74.2650, 78.1325, 85.0863**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2627, 42.0571, 46.0402** is the 20% darker color. If you saturate the color by 10%, you get **67.0532, 65.5232, 75.0868**, and if you desaturate by 10%, it is **82.9386, 92.1435, 96.2602**.

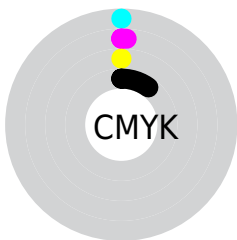
Distribution



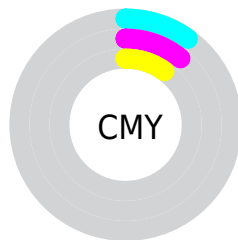
- Red (90%)
- Green (89%)
- Blue (90%)



- 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 74.5194, 77.9669, 85.2503 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 74.5194, 77.9669, 85.2503 by changing the saturation by 10% instead.

■ 74.5194, 77.9669,
85.2503

■ 74.5194, 77.9669,
85.2503

465.2867,
488.0544, 532.6221

■ 55.5120, 58.0468,
63.4969

124.6234,
130.5035, 142.6001

■ 40.0473, 41.8463,
45.7997

156.4507,
163.8887, 179.0336

■ 27.7598, 28.9809,
31.7403

193.2820,
202.5311, 221.1974

■ 18.2842, 19.0664,
20.9000

235.4828,
246.8151, 269.5103

■ 11.2551, 11.7183,
12.8604

283.4183,
297.1250, 324.3906

■ 6.3073, 6.5521,
7.2029

337.4539,

■ 3.0752, 3.1836,

353.8452, 386.2570

3.5089

397.9549,
417.3603, 455.5280

■ 1.1937, 1.2283,
1.3600

■ 0.1014, 0.0847,
0.1102

■ 74.5194, 77.9669,
85.2503

■ 74.5194, 77.9669,
85.2503

■ 67.0532, 65.5232,
75.0868

■ 82.9386, 92.1435,
96.2602

■ 60.4982, 54.7355,
65.7427

■ 85.9714, 95.3744,
106.0103

■ 54.8195, 45.5359,
57.1970

■ 86.4436, 95.5633,
108.4972

■ 49.9770, 37.8483,
49.4254

■ 45.9277, 31.5899,
42.4025

■ 42.6243, 26.6700,
36.1009

■ 40.0143, 22.9874,
30.4913

■ 38.0377, 20.4262,
25.5411

■ 36.6233, 18.8483,
21.2136

Harmonies

Analogous

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



74.4013, 77.9669, 85.7972



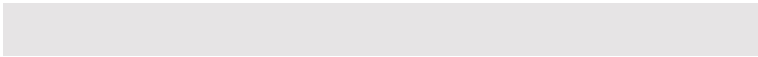
74.5194, 77.9669, 85.2503



74.5264, 77.9669, 84.6103

Triad

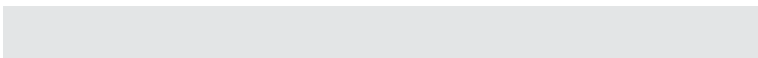
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5194, 77.9669, 85.2503



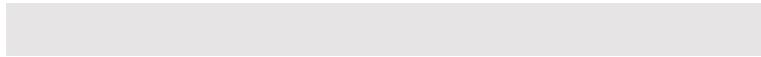
74.0065, 77.9669, 83.6944



73.7909, 77.9669, 85.7424

Complementary

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



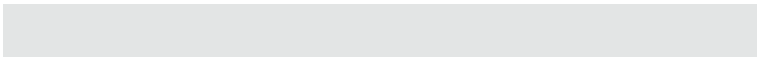
74.5194, 77.9669, 85.2503



74.4375, 78.7468, 85.4090

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.



73.6856, 77.9669, 85.1758



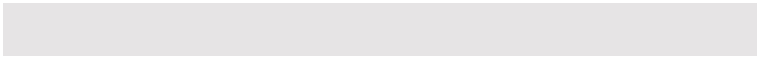
74.5194, 77.9669, 85.2503



73.8099, 77.9669, 83.9946

Square

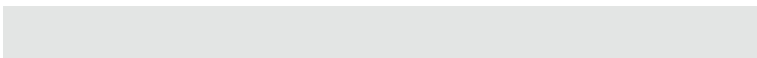
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



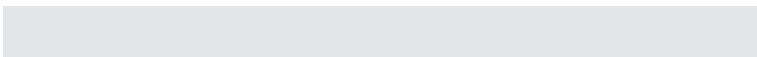
74.5194, 77.9669, 85.2503



74.2300, 77.9669, 83.7142



73.6925, 77.9669, 84.5361



73.9806, 77.9669, 86.0822

Rectangle

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



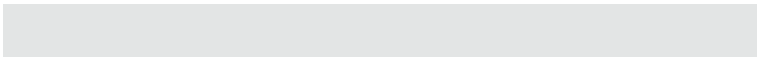
74.5194, 77.9669, 85.2503



74.4671, 77.9669, 84.2170



73.6925, 77.9669, 84.5361



73.7445, 77.9669, 85.5720

Sweetspot

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



74.5216, 77.9703, 85.2520

95.0500, 100.0000, 108.9000



74.3422, 77.8616, 85.9746



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.



74.5216, 77.9703, 85.2520



94.0369, 98.3018, 107.5511



74.3829, 77.9148, 84.5213



16.0572, 16.7920, 18.3668



20.2818, 10.2469, 10.3787



1.5456, 0.7760, 1.0138

Inverse Universe

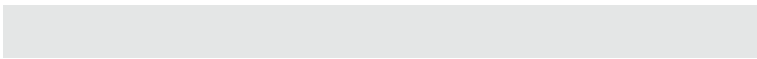
The Inverse Universe completely reimagines the original color for something new.



74.5216, 77.9703, 85.2520



94.0369, 98.3018, 107.5511



74.5770, 78.8026, 86.1439



16.0572, 16.7920, 18.3668



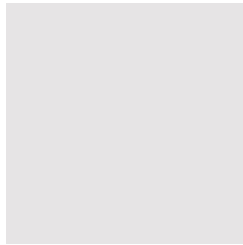
20.2818, 10.2469, 10.3787



1.5456, 0.7760, 1.0138

Previews

White Background



This preview shows how the XYZ color 74.5194, 77.9669, 85.2503 looks on a white background.

Color Contrast Check

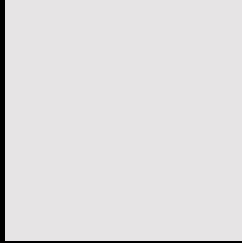
Large Text (above 18pt) WCAG AA × Fail

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 74.5194, 77.9669, 85.2503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

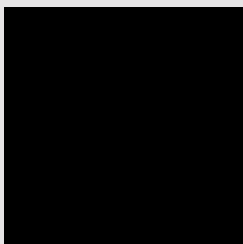
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

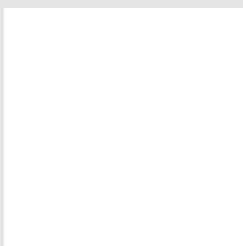
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5194, 77.9669, 85.2503

Background



This preview shows how black text looks on a background with the XYZ color 74.5194, 77.9669, 85.2503.



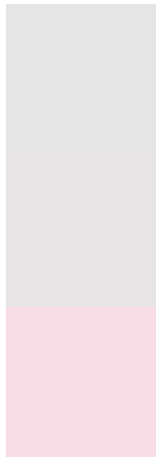
This preview shows how white text looks on a background with the XYZ color 74.5194, 77.9669,

85.2503.

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

74.5194, 77.9669, 85.2503

Protanopia

74.8907, 77.7511, 85.1890

Deuteranopia

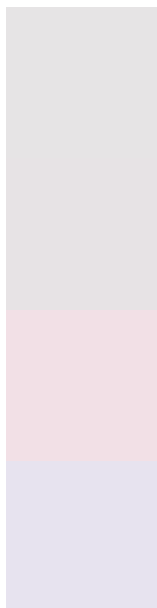
79.2063, 77.5658, 85.6600



Tritanopia

76.8042, 78.0802, 96.6109

Trichromacy



Original Color

74.5194, 77.9669, 85.2503

Protanomaly

74.5669, 77.5842, 85.1739

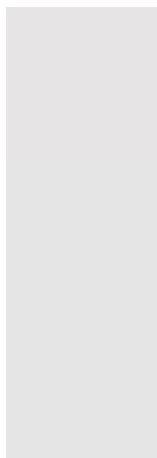
Deuteranomaly

77.5565, 77.9017, 85.8118

Tritanomaly

76.0041, 78.1591, 92.7417

Monochromacy



Original Color

74.5194, 77.9669, 85.2503

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 74.5194, 77.9669, 85.2503 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, 229) looks like.

```
.text, #text, p{  
    color:rgb(230, 228, 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(230, 228, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 228, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.5194, 77.9669, 85.2503 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, 229) }
```

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

```
.border{ border-color:rgb(230, 228, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 228, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 228, 229);  
box-shadow:4px 4px 4px 4px rgb(230, 228,  
229) }
```


Background

The CSS property to change the background color of an element to XYZ 74.5194, 77.9669, 85.2503 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, 229) }
```

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

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