

Converting Colors

XYZ(73.9395, 77.4684, 85.0509)

Have a look what the booklet for
XYZ(73.9395, 77.4684, 85.0509)
contains.

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Color

**XYZ(74.1994, 77.8020,
85.2353)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E4E5
RGB	229, 228, 229
RGB Percent	90%, 89%, 90%
CMY	0.1020, 0.1059, 0.1020
CMYK	0.00, 0.00, 0.00, 0.10
HSL	300°, 2%, 90%
HSV	300°, 0%, 90%
XYZ	74.1994, 77.8020, 85.2353
YIQ	228.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

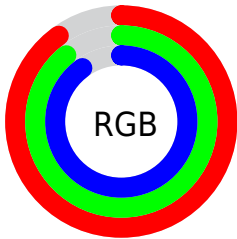
Format	Color
R _Y B	229, 228, 229
Decimal	15066341
CIE Lab	90.69, 0.52, -0.38
CIE LCh	91, 0.642, 324.024
Yxy	77.8020, 0.3128, 0.3280
Android (android.graphics.Color)	4293256421 (0xFFE5E4E5)
YUV	228.4130, 0.2894, 0.5148
Hunter-Lab	88.2054, -4.2033, 4.4503

Details

The XYZ color **74.1994, 77.8020, 85.2353** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0208, 78.1361, 84.5833**, and the grayscale version is **74.0449, 77.9010, 84.8342**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0391, 41.9418, 46.0297** is the 20% darker color. If you saturate the color by 10%, you get **68.3132, 66.0286, 83.2740**, and if you desaturate by 10%, it is **80.9244, 91.2510, 87.4781**.

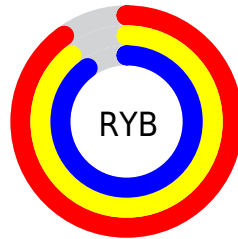
Distribution



Red (90%)

Green (89%)

Blue (90%)



Red (90%)

Yellow (89%)

Blue (90%)

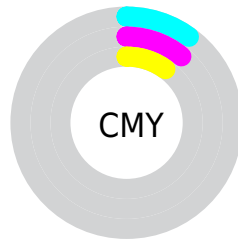


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1994, 77.8020, 85.2353 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 74.1994, 77.8020, 85.2353 by changing the saturation by 10% instead.

■ 74.1994, 77.8020,
85.2353

■ 74.1994, 77.8020,
85.2353

464.2010,
487.4941, 532.5712

■ 55.2491, 57.9113,
63.4846

124.1724,
130.2710, 142.5790

■ 39.8358, 41.7374,
45.7898

155.9259,
163.6181, 179.0090

■ 27.5942, 28.8957,
31.7325

192.6777,
202.2194, 221.1691

■ 18.1589, 19.0019,
20.8941

234.7934,
246.4595, 269.4780

■ 11.1645, 11.6717,
12.8562

282.6382,
296.7226, 324.3541

■ 6.2457, 6.5205,
7.2000

336.5775,

■ 3.0371, 3.1641,

353.3931, 386.2159

3.5072

396.9766,
416.8555, 455.4822

■ 1.1734, 1.2180,
1.3591

■ 0.0852, 0.0763,
0.1095

■ 74.1994, 77.8020,
85.2353

■ 74.1994, 77.8020,
85.2353

■ 68.3132, 66.0286,
83.2740

■ 80.9244, 91.2510,
87.4781

■ 63.2266, 55.8555,
81.5783

■ 82.2168, 93.8355,
87.9091

■ 58.9072, 47.2168,
80.1383

■ 82.2168, 93.8356,
87.9093

■ 55.3178, 40.0380,
78.9416

■ 82.2169, 93.8356,
87.9096

52.4181, 34.2386,
77.9748

82.2169, 93.8356,
87.9098

50.1638, 29.7301,
77.2232

82.2169, 93.8356,
87.9100

48.5057, 26.4140,
76.6703

82.2170, 93.8356,
87.9102

47.3873, 24.1772,
76.2973

82.2170, 93.8356,
87.9104

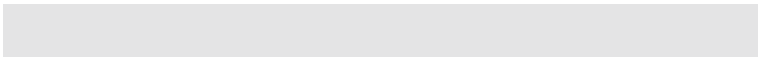
46.7414, 22.8855,
76.0818

82.2171, 93.8357,
87.9107

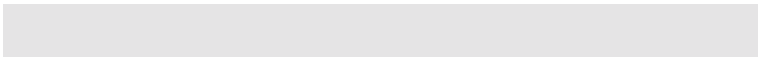
Harmonies

Analogous

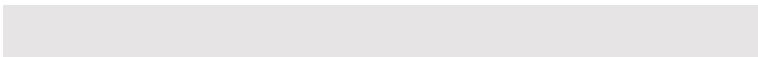
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0746, 77.8020, 85.5259



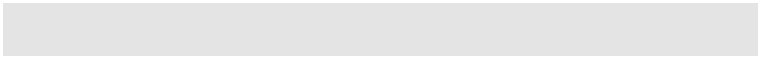
74.1994, 77.8020, 85.2353



74.2569, 77.8020, 84.8055

Triad

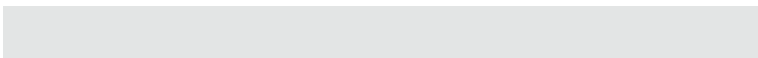
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1994, 77.8020, 85.2353



73.9807, 77.8020, 83.8340



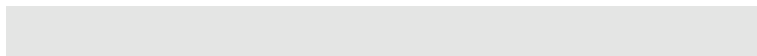
73.6659, 77.8020, 85.0748

Complementary

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



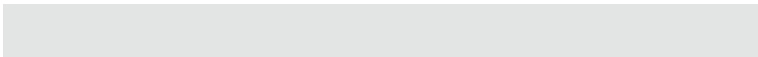
74.1994, 77.8020, 85.2353



74.0208, 78.1361, 84.5833

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.



73.6409, 77.8020, 84.6208



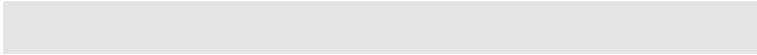
74.1994, 77.8020, 85.2353



73.8224, 77.8020, 83.9055

Square

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



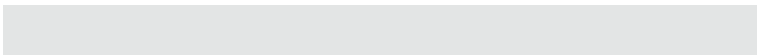
74.1994, 77.8020, 85.2353



74.1306, 77.8020, 83.9973



73.6981, 77.8020, 84.1931



73.7667, 77.8020, 85.4330

Rectangle

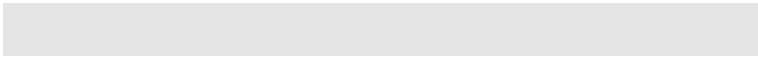
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1994, 77.8020, 85.2353



74.2494, 77.8020, 84.4984



73.6981, 77.8020, 84.1931



73.6484, 77.8020, 84.9283

Sweetspot

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



74.2016, 77.8053, 85.2370

95.0500, 100.0000, 108.9000



73.8847, 77.6419, 85.2222



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

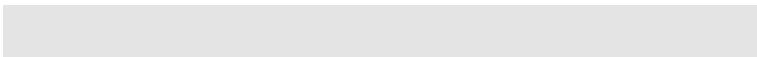
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2016, 77.8053, 85.2370



94.2419, 98.3838, 108.6306



74.1321, 77.7776, 84.8712



16.0901, 16.8051, 18.5400



26.5610, 12.7586, 43.4447



1.9628, 0.9428, 3.2104

Inverse Universe

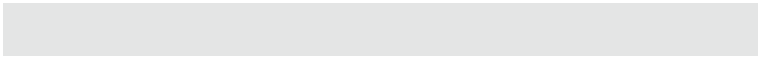
The Inverse Universe completely reimagines the original color for something new.



74.2016, 77.8053, 85.2370



94.2419, 98.3838, 108.6306



74.0900, 78.1638, 84.9480



16.0901, 16.8051, 18.5400



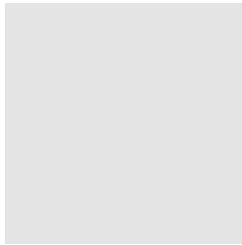
26.5610, 12.7586, 43.4447



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 74.1994, 77.8020, 85.2353 looks on a white background.

Color Contrast Check

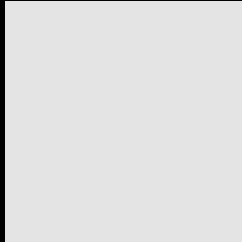
Large Text (above 18pt) WCAG AA × Fail

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 74.1994, 77.8020, 85.2353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

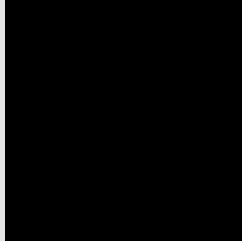
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

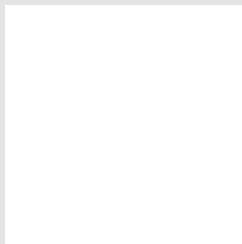
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1994, 77.8020, 85.2353

Background



This preview shows how black text looks on a background with the XYZ color 74.1994, 77.8020, 85.2353.



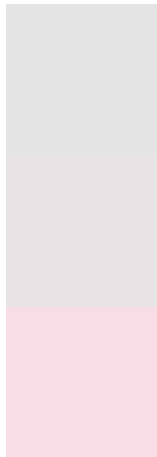
This preview shows how white text looks on a background with the XYZ color 74.1994, 77.8020,

85.2353.

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

74.1994, 77.8020, 85.2353

Protanopia

74.7514, 77.6954, 84.4557

Deuteranopia

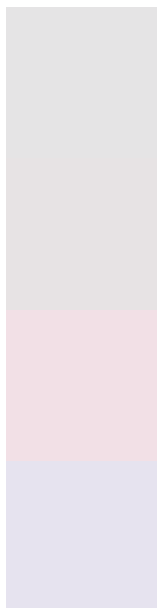
79.2063, 77.5658, 85.6600



Tritanopia

76.4805, 77.9133, 96.5958

Trichromacy



Original Color

74.1994, 77.8020, 85.2353

Protanomaly

74.4277, 77.5285, 84.4405

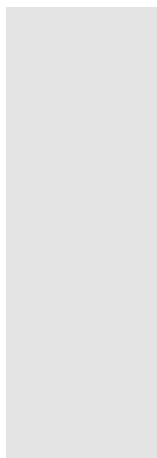
Deuteranomaly

77.5565, 77.9017, 85.8118

Tritanomaly

75.6822, 77.9932, 92.7267

Monochromacy



Original Color

74.1994, 77.8020, 85.2353

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7419, 77.5822, 84.4870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1994, 77.8020, 85.2353 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, 228, 229) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 74.1994, 77.8020, 85.2353 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, 228, 229) }
```

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

```
.border{ border-color:rgb(229, 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(229, 228, 229) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 74.1994, 77.8020, 85.2353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 228, 229) }
```

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

```
.background{ background-color: rgb(229,  
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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