

Converting Colors

XYZ(74.0826, 77.4246, 84.8630)

Have a look what the booklet for
XYZ(74.0826, 77.4246, 84.8630)
contains.

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Color

**XYZ(74.2451, 77.4183,
85.1588)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E3E5
RGB	230, 227, 229
RGB Percent	90%, 89%, 90%
CMY	0.0980, 0.1098, 0.1020
CMYK	0.00, 0.01, 0.00, 0.10
HSL	320°, 6%, 90%
HSV	320°, 1%, 90%
XYZ	74.2451, 77.4183, 85.1588
YIQ	228.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

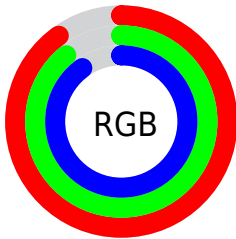
Format	Color
R _Y B	230, 227, 229
Decimal	15131621
CIE Lab	90.51, 1.37, -0.62
CIE LCh	91, 1.507, 335.502
Yxy	77.4183, 0.3135, 0.3269
Android (android.graphics.Color)	4293321701 (0xFFE6E3E5)
YUV	228.1250, 0.4314, 1.6444
Hunter-Lab	87.9877, -3.3579, 4.2076

Details

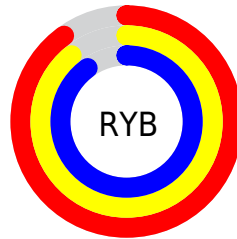
The XYZ color **74.2451, 77.4183, 85.1588** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9819, 78.5281, 84.6610**, and the grayscale version is **73.8325, 77.6775, 84.5908**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0717, 41.6750, 45.9765** is the 20% darker color. If you saturate the color by 10%, you get **67.3222, 65.2493, 77.6795**, and if you desaturate by 10%, it is **82.0602, 91.2936, 93.1713**.

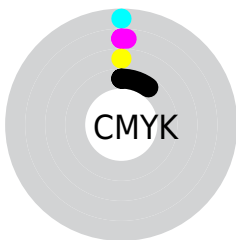
Distribution



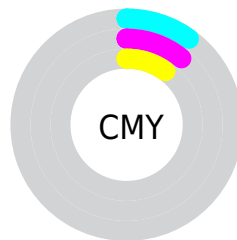
- Red (90%)
- Green (89%)
- Blue (90%)



- 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 74.2451, 77.4183, 85.1588 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 74.2451, 77.4183, 85.1588 by changing the saturation by 10% instead.

■ 74.2451, 77.4183,
85.1588

■ 74.2451, 77.4183,
85.1588

464.3561,
486.1890, 532.3117

■ 55.2867, 57.5963,
63.4217

124.2368,
129.7298, 142.4712

■ 39.8660, 41.4841,
45.7393

156.0008,
162.9880, 178.8835

■ 27.6178, 28.6976,
31.6929

192.7641,
201.4938, 221.0246

■ 18.1768, 18.8522,
20.8642

234.8919,
245.6314, 269.3132

■ 11.1774, 11.5635,
12.8345

282.7496,
295.7854, 324.1676

■ 6.2545, 6.4472,
7.1853

336.7027,

■ 3.0426, 3.1189,

352.3400, 386.0064

3.4980

397.1164,
415.6798, 455.2483

■ 1.1763, 1.1941,
1.3542

■ 0.0875, 0.0569,
0.1056

■ 74.2451, 77.4183,
85.1588

■ 74.2451, 77.4183,
85.1588

■ 67.3222, 65.2493,
77.6795

■ 82.0602, 91.2936,
93.1713

■ 61.2511, 54.7101,
70.7141

■ 84.7769, 94.8966,
99.7203

■ 55.9983, 45.7334,
64.2493

■ 85.9696, 95.3737,
106.0010

■ 51.5251, 38.2433,
58.2692

■ 86.4437, 95.5633,
108.4972

■ 47.7900, 32.1573,
52.7567

■ 44.7472, 27.3851,
47.6934

■ 42.3456, 23.8256,
43.0588

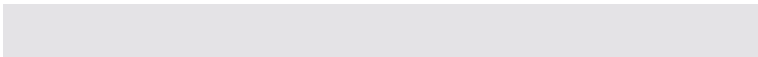
■ 40.5268, 21.3630,
38.8302

■ 39.2209, 19.8585,
34.9807

Harmonies

Analogous

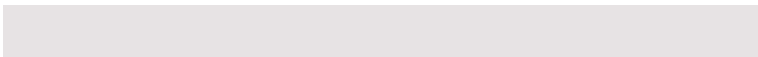
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0054, 77.4183, 85.9961



74.2451, 77.4183, 85.1588



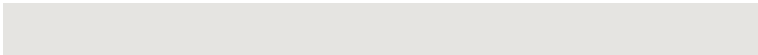
74.3074, 77.4183, 84.0966

Triad

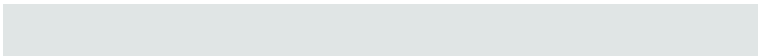
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2451, 77.4183, 85.1588



73.5143, 77.4183, 82.2466



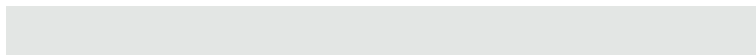
72.9955, 77.4183, 85.5062

Complementary

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



74.2451, 77.4183, 85.1588



73.9819, 78.5281, 84.6610

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.



72.8649, 77.4183, 84.4945



74.2451, 77.4183, 85.1588



73.1638, 77.4183, 82.6172

Square

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



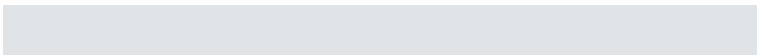
74.2451, 77.4183, 85.1588



73.8846, 77.4183, 82.4211



72.9264, 77.4183, 83.4378



73.2837, 77.4183, 86.1979

Rectangle

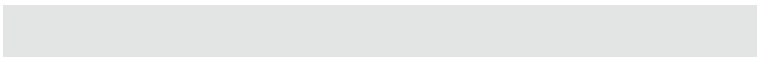
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



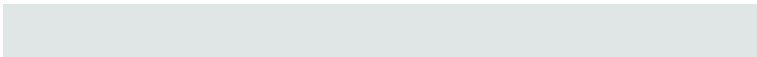
74.2451, 77.4183, 85.1588



74.2397, 77.4183, 83.4051



72.9264, 77.4183, 83.4378



72.9317, 77.4183, 85.1920

Sweetspot

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



74.2473, 77.4216, 85.1605

95.0500, 100.0000, 108.9000



73.7500, 77.1491, 85.8683



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.



74.2473, 77.4216, 85.1605



93.1716, 96.6799, 106.9277



74.0391, 77.3384, 84.0644



15.9182, 16.5315, 18.2667



21.7999, 10.8542, 18.3731



1.6536, 0.8192, 1.5826

Inverse Universe

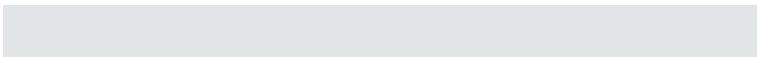
The Inverse Universe completely reimagines the original color for something new.



74.2473, 77.4216, 85.1605



93.1716, 96.6799, 106.9277



74.1906, 78.6116, 85.7603



15.9182, 16.5315, 18.2667



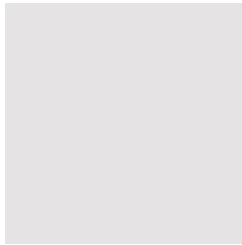
21.7999, 10.8542, 18.3731



1.6536, 0.8192, 1.5826

Previews

White Background



This preview shows how the XYZ color 74.2451, 77.4183, 85.1588 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 74.2451, 77.4183, 85.1588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

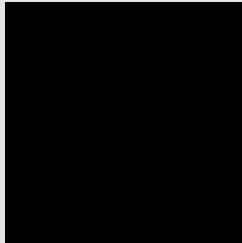
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

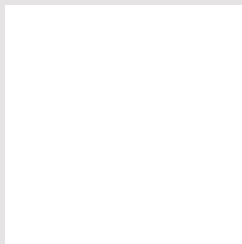
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2451, 77.4183, 85.1588

Background



This preview shows how black text looks on a background with the XYZ color 74.2451, 77.4183, 85.1588.



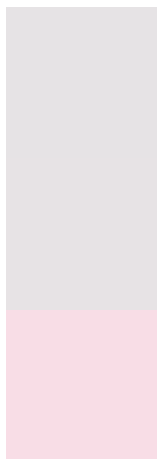
This preview shows how white text looks on a background with the XYZ color 74.2451, 77.4183,

85.1588.

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

74.2451, 77.4183, 85.1588

Protanopia

74.5669, 77.5842, 85.1739

Deuteranopia

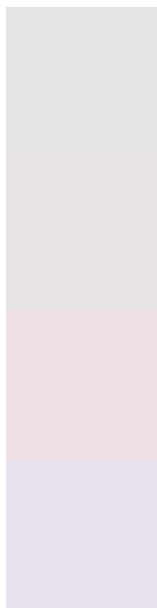
78.8508, 77.3825, 85.6433



Tritanopia

76.3816, 77.4773, 95.7229

Trichromacy



Original Color

74.2451, 77.4183, 85.1588

Protanomaly

74.5669, 77.5842, 85.1739

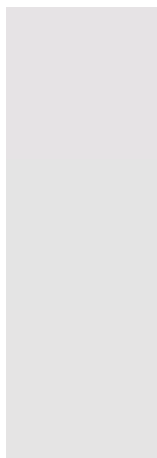
Deuteranomaly

76.9462, 77.1893, 85.7064

Tritanomaly

75.5840, 77.5547, 91.8748

Monochromacy



Original Color

74.2451, 77.4183, 85.1588

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.0601, 77.7463, 84.5019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2451, 77.4183, 85.1588 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, 227, 229) looks like.

```
.text, #text, p{  
    color:rgb(230, 227, 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, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 227, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.2451, 77.4183, 85.1588 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, 227, 229) }
```

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

```
.border{ border-color:rgb(230, 227, 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, 227, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(230, 227,  
229) }
```


Background

The CSS property to change the background color of an element to XYZ 74.2451, 77.4183, 85.1588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 227, 229) }
```

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

```
.background{ background-color: rgb(230,  
227, 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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