

Converting Colors

XYZ(74.3039, 77.9959, 83.3283)

Have a look what the booklet for
XYZ(74.3039, 77.9959, 83.3283)
contains.

XYZ(74.1040, 77.8008, 83.0629)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.1040, 77.8008,
83.0629)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E4E2
RGB	230, 228, 226
RGB Percent	90%, 89%, 89%
CMY	0.0980, 0.1059, 0.1137
CMYK	0.00, 0.01, 0.02, 0.10
HSL	30°, 7%, 89%
HSV	30°, 2%, 90%
XYZ	74.1040, 77.8008, 83.0629
YIQ	228.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

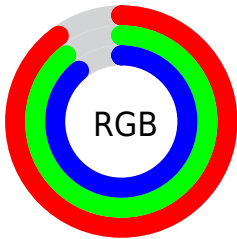
Format	Color
R _Y B	230, 230, 226
Decimal	15131874
CIE Lab	90.69, 0.32, 1.20
CIE LCh	91, 1.244, 74.882
Yxy	77.8008, 0.3154, 0.3311
Android (android.graphics.Color)	4293321954 (0xFFE6E4E2)
YUV	228.3700, -1.1684, 1.4295
Hunter-Lab	88.2048, -4.3940, 5.9096

Details

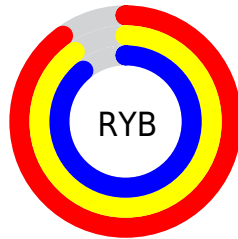
The XYZ color **74.1040, 77.8008, 83.0629** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3904, 77.3677, 85.9293**, and the grayscale version is **74.0229, 77.8779, 84.8090**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9735, 41.9414, 44.5167** is the 20% darker color. If you saturate the color by 10%, you get **68.1048, 70.5181, 66.5227**, and if you desaturate by 10%, it is **80.7407, 85.6788, 101.9062**.

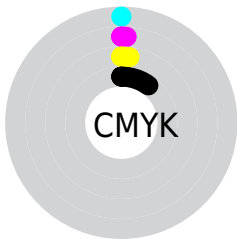
Distribution



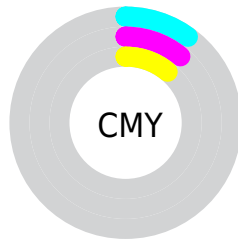
- Red (90%)
- Green (89%)
- Blue (89%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1040, 77.8008, 83.0629 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 74.1040, 77.8008, 83.0629 by changing the saturation by 10% instead.

■ 74.1040, 77.8008,
83.0629

■ 74.1040, 77.8008,
83.0629

463.8770,
487.4901, 525.1726

■ 55.1707, 57.9104,
61.7011

124.0379,
130.2693, 139.5136

■ 39.7728, 41.7366,
44.3570

155.7693,
163.6161, 175.4396

■ 27.5449, 28.8951,
30.6120

192.4975,
202.2172, 217.0574

■ 18.1216, 19.0015,
20.0476

234.5877,
246.4569, 264.7855

■ 11.1375, 11.6713,
12.2452

282.4055,
296.7196, 319.0426

■ 6.2274, 6.5203,
6.7864

336.3160,

■ 3.0258, 3.1640,

353.3898, 380.2471

3.2524

396.6847,
416.8518, 448.8176

■ 1.1674, 1.2179,
1.2249

■ 0.0804, 0.0763,
0.0000

■ 74.1040, 77.8008,
83.0629

■ 74.1040, 77.8008,
83.0629

■ 68.1048, 70.5181,
66.5227

■ 80.7407, 85.6788,
101.9062

■ 62.7156, 63.8059,
52.1911

■ 85.1681, 93.0123,
108.0721

■ 57.9167, 57.6521,
39.9743

■ 86.4436, 95.5632,
108.4972

■ 53.6847, 52.0404,
29.7700

■ 49.9942, 46.9537,
21.4672

■ 46.8179, 42.3736,
14.9440

■ 44.1254, 38.2803,
10.0643

■ 41.8824, 34.6522,
6.6716

■ 40.0484, 31.4649,
4.5787

Harmonies

Analogous

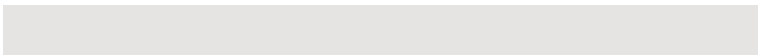
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3735, 77.8008, 83.5044



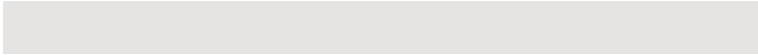
74.1040, 77.8008, 83.0629



73.7933, 77.8008, 83.0611

Triad

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



74.1040, 77.8008, 83.0629



73.3687, 77.8008, 85.1542



74.3718, 77.8008, 85.9359

Complementary

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



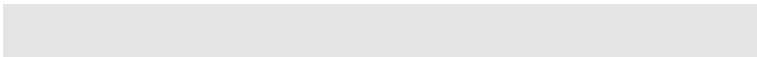
74.1040, 77.8008, 83.0629



73.3904, 77.3677, 85.9293

Split Complementary

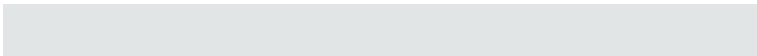
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1016, 77.8008, 86.3843



74.1040, 77.8008, 83.0629



73.5228, 77.8008, 85.9308

Square

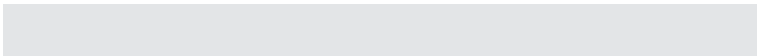
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1040, 77.8008, 83.0629



73.3693, 77.8008, 84.2643



73.7909, 77.8008, 86.3825



74.5284, 77.8008, 85.1610

Rectangle

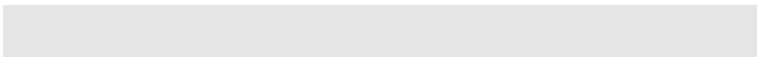
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



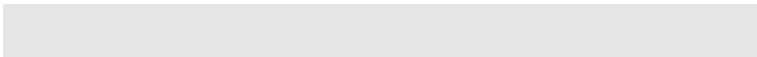
74.1040, 77.8008, 83.0629



73.6045, 77.8008, 83.3093



73.7909, 77.8008, 86.3825



74.2912, 77.8008, 86.1300

Sweetspot

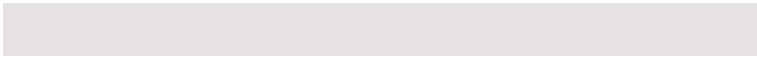
The Sweet Spot groups the original color and five complimentary colors.



74.1062, 77.8042, 83.0646



94.2375, 99.0277, 106.6172



73.8342, 76.8184, 84.3358



20.1793, 21.2063, 22.8445



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



74.1062, 77.8042, 83.0646



93.4331, 98.0629, 104.3639



74.6585, 78.9087, 83.2487



15.9603, 16.7536, 17.8550



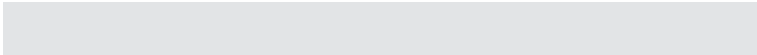
22.0833, 16.7407, 2.0674



1.7248, 1.4229, 0.1837

Inverse Universe

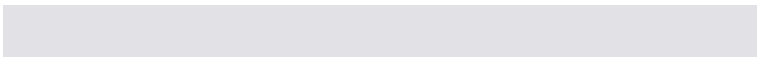
The Inverse Universe completely reimagines the original color for something new.



73.3904, 77.3677, 85.9293



92.3888, 97.4261, 108.5434



72.8445, 76.2759, 85.7473



15.7926, 16.6514, 18.5260



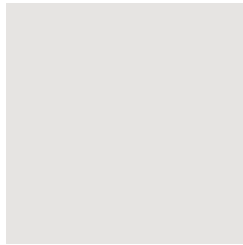
11.6645, 10.3910, 43.7741



0.9548, 0.9536, 3.2657

Previews

White Background



This preview shows how the XYZ color 74.1040, 77.8008, 83.0629 looks on a white background.

Color Contrast Check

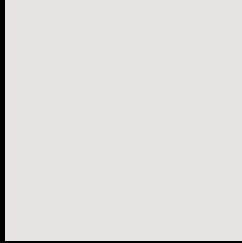
Large Text (above 18pt) WCAG AA × Fail

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 74.1040, 77.8008, 83.0629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

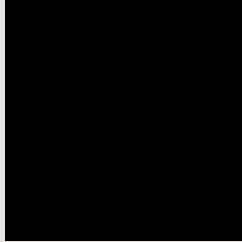
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

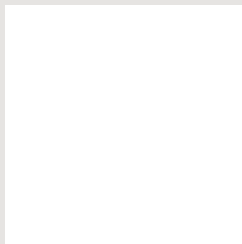
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1040, 77.8008, 83.0629

Background



This preview shows how black text looks on a background with the XYZ color 74.1040, 77.8008, 83.0629.

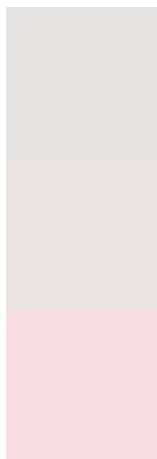


This preview shows how white text looks on a background with the XYZ color 74.1040, 77.8008,

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

74.1040, 77.8008, 83.0629

Protanopia

74.8008, 77.7528, 83.0169

Deuteranopia

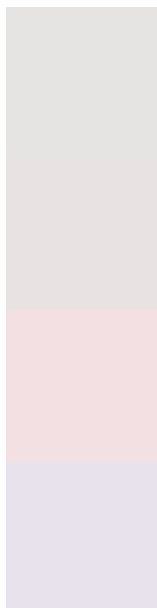
79.1459, 77.5829, 83.4766



Tritanopia

76.7071, 77.6451, 95.7381

Trichromacy



Original Color

74.1040, 77.8008, 83.0629

Protanomaly

74.4753, 77.5850, 83.0016

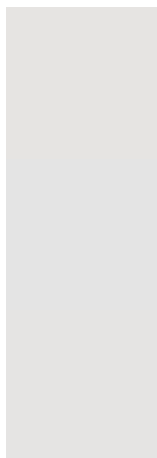
Deuteranomaly

77.4829, 77.9120, 83.6278

Tritanomaly

75.7611, 77.6629, 91.1182

Monochromacy



Original Color

74.1040, 77.8008, 83.0629

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9216, 77.6909, 83.7728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1040, 77.8008, 83.0629 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, 226) looks like.

```
.text, #text, p{  
    color:rgb(230, 228, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 228, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.1040, 77.8008, 83.0629 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, 226) }
```


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

```
.border{ border-color:rgb(230, 228, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 228, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 228, 226);  
box-shadow:4px 4px 4px 4px rgb(230, 228,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1040, 77.8008, 83.0629 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, 226) }
```

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

```
.background{ background-color: rgb(230,  
228, 226) }
```

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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