

Converting Colors

XYZ(66.7913, 66.6381, 75.5503)

Have a look what the booklet for
XYZ(66.7913, 66.6381, 75.5503)
contains.

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Color

**XYZ(66.8194, 66.8316,
75.7077)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D1DA
RGB	226, 209, 218
RGB Percent	89%, 82%, 85%
CMY	0.1137, 0.1804, 0.1451
CMYK	0.00, 0.08, 0.04, 0.11
HSL	328°, 23%, 85%
HSV	328°, 8%, 89%
XYZ	66.8194, 66.8316, 75.7077
YIQ	215.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

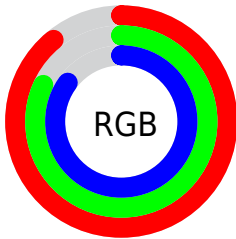
Format	Color
R_{YB}	226, 209, 218
Decimal	14864858
CIE Lab	85.42, 7.44, -2.32
CIE LCh	85, 7.793, 342.653
Yxy	66.8316, 0.3192, 0.3192
Android (android.graphics.Color)	4293054938 (0xFFE2D1DA)
YUV	215.1090, 1.4253, 9.5514
Hunter-Lab	81.7506, 2.8346, 2.3181

Details

The XYZ color **66.8194, 66.8316, 75.7077** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0178, 72.9596, 76.2523**, and the grayscale version is **64.6539, 68.0210, 74.0748**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1268, 34.7450, 39.5054** is the 20% darker color. If you saturate the color by 10%, you get **60.3159, 55.9805, 66.8912**, and if you desaturate by 10%, it is **74.2026, 79.2973, 85.2599**.

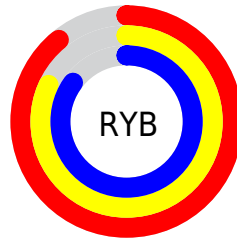
Distribution



Red (89%)

Green (82%)

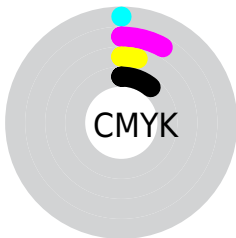
Blue (85%)



Red (89%)

Yellow (82%)

Blue (85%)

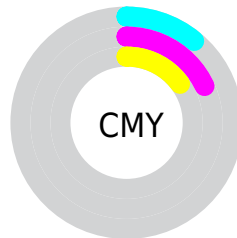


Cyan (0%)

Magenta (8%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8194, 66.8316, 75.7077 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 66.8194, 66.8316, 75.7077 by changing the saturation by 10% instead.

66.8194, 66.8316,
75.7077

66.8194, 66.8316,
75.7077

438.7442,
449.3451, 499.6667

49.2080, 48.9478,
55.6876

113.7128,
114.6791, 129.0699

34.9997, 34.5781,
39.5502

143.7256,
145.4115, 163.2492

23.8292, 23.3380,
26.8769

178.6028,
181.1957, 202.9853

15.3310, 14.8433,
17.2492

218.7100,
222.4158, 248.6967

9.1399, 8.7095,
10.2485

264.4123,
269.4565, 300.8020

4.8904, 4.5522,
5.4563

316.0752,

2.2172, 1.9870,

322.7020, 359.7197

2.4540

374.0641,
382.5367, 425.8685

■ 0.7518, 0.5999,
0.8156

■ 0.0000, 0.0000,
0.0000

■ 66.8194, 66.8316,
75.7077

■ 66.8194, 66.8316,
75.7077

■ 60.3159, 55.9805,
66.8912

■ 74.2026, 79.2973,
85.2599

■ 54.6517, 46.6688,
58.7864

■ 82.4925, 93.4315,
95.5623

■ 49.7919, 38.8281,
51.3738

■ 84.3664, 94.5858,
104.1826

■ 45.6966, 32.3816,
44.6316

■ 85.1745, 94.9090,
108.4378

■ 42.3223, 27.2453,
38.5363

■ 39.6210, 23.3263,
33.0625

■ 37.5385, 20.5191,
28.1826

■ 36.0113, 18.6999,
23.8654

■ 34.9544, 17.7023,
20.0721

Harmonies

Analogous

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



65.8510, 66.8316, 80.1606



66.8194, 66.8316, 75.7077



66.8939, 66.8316, 70.6580

Triad

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



66.8194, 66.8316, 75.7077



62.7802, 66.8316, 63.6825



61.0556, 66.8316, 79.5610

Complementary

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



66.8194, 66.8316, 75.7077



66.0178, 72.9596, 76.2523

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.



60.2642, 66.8316, 74.9201



66.8194, 66.8316, 75.7077



61.2475, 66.8316, 65.8450

Square

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



66.8194, 66.8316, 75.7077



64.5397, 66.8316, 63.8714



60.3338, 66.8316, 69.9059



62.5140, 66.8316, 82.4551

Rectangle

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



66.8194, 66.8316, 75.7077



66.4247, 66.8316, 67.6443



60.3338, 66.8316, 69.9059



60.7040, 66.8316, 78.1446

Sweetspot

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



66.8213, 66.8345, 75.7091



93.0604, 96.6354, 106.3420



65.1259, 65.8366, 81.2278



19.9396, 20.7192, 22.7885



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.



66.8213, 66.8345, 75.7091



86.4699, 85.5450, 97.6997



65.7458, 66.4043, 70.0455



14.0089, 13.8212, 15.8169



19.8748, 10.0169, 11.2724



1.4228, 0.7124, 1.0191

Inverse Universe

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



66.8213, 66.8345, 75.7091



86.4699, 85.5450, 97.6997



67.1428, 73.4096, 82.1763



14.0089, 13.8212, 15.8169



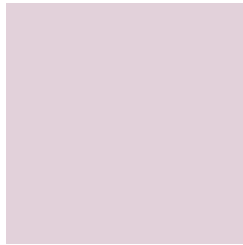
19.8748, 10.0169, 11.2724



1.4228, 0.7124, 1.0191

Previews

White Background



This preview shows how the XYZ color 66.8194, 66.8316, 75.7077 looks on a white background.

Color Contrast Check

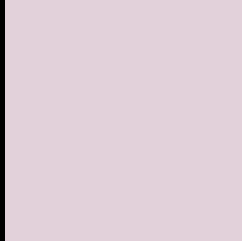
Large Text (above 18pt) WCAG AA × Fail

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 66.8194, 66.8316, 75.7077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

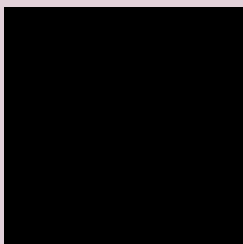
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.8194, 66.8316, 75.7077

Background



This preview shows how black text looks on a background with the XYZ color 66.8194, 66.8316, 75.7077.



This preview shows how white text looks on a background with the XYZ color 66.8194, 66.8316,

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

66.8194, 66.8316, 75.7077

Protanopia

64.4861, 66.7013, 77.1860

Deuteranopia

68.2464, 66.8434, 75.6348



Tritanopia

67.6890, 66.8245, 79.8518

Trichromacy



Original Color

66.8194, 66.8316, 75.7077

Protanomaly

65.2939, 66.7631, 76.4630

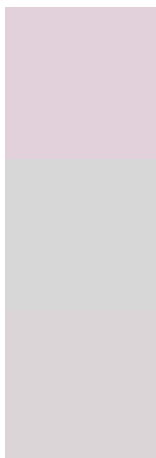
Deuteranomaly

67.8439, 66.9967, 75.6856

Tritanomaly

67.4192, 66.7166, 78.4315

Monochromacy



Original Color

66.8194, 66.8316, 75.7077

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4023, 67.6064, 74.5680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8194, 66.8316, 75.7077 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(226, 209, 218) looks like.

```
.text, #text, p{  
    color:rgb(226, 209, 218)  
}
```

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(226, 209, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 209, 218) }
```

Border

The CSS property to change the border of an element to XYZ 66.8194, 66.8316, 75.7077 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(226, 209, 218) }
```


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

```
.border{ border-color:rgb(226, 209, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 209, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 209, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 209, 218); box-shadow:4px 4px 4px 4px rgb(226, 209, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8194, 66.8316, 75.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 209, 218) }
```

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

```
.background{ background-color: rgb(226,  
209, 218) }
```

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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