

Converting Colors

XYZ(66.7776, 66.7852, 77.3545)

Have a look what the booklet for
XYZ(66.7776, 66.7852, 77.3545)
contains.

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Color

**XYZ(66.7701, 66.7758,
77.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D1DC
RGB	225, 209, 220
RGB Percent	88%, 82%, 86%
CMY	0.1176, 0.1804, 0.1372
CMYK	0.00, 0.07, 0.02, 0.12
HSL	319°, 21%, 85%
HSV	319°, 7%, 88%
XYZ	66.7701, 66.7758, 77.0800
YIQ	215.0380, 6.0050, 6.8130

Conversions

Conversions Part 2

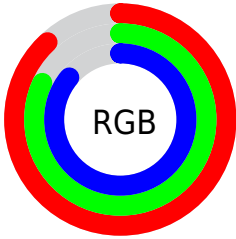
Format	Color
R _Y B	225, 209, 220
Decimal	14799324
CIE Lab	85.39, 7.45, -3.44
CIE LCh	85, 8.205, 335.240
Yxy	66.7758, 0.3170, 0.3170
Android (android.graphics.Color)	4292989404 (0xFFE1D1DC)
YUV	215.0380, 2.4463, 8.7367
Hunter-Lab	81.7165, 2.8476, 1.2755

Details

The XYZ color **66.7701, 66.7758, 77.0800** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3599, 72.2626, 74.1252**, and the grayscale version is **64.5998, 67.9640, 74.0128**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0904, 34.7053, 40.4466** is the 20% darker color. If you saturate the color by 10%, you get **60.7235, 56.1413, 70.5656**, and if you desaturate by 10%, it is **73.6393, 78.9909, 84.0636**.

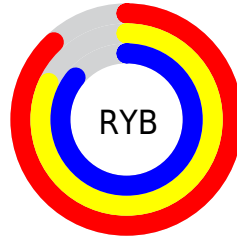
Distribution



Red (88%)

Green (82%)

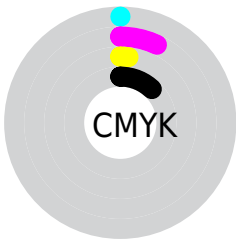
Blue (86%)



Red (88%)

Yellow (82%)

Blue (86%)

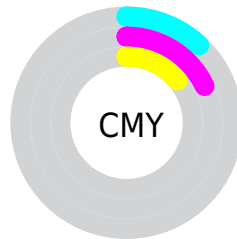


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7701, 66.7758, 77.0800 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 66.7701, 66.7758, 77.0800 by changing the saturation by 10% instead.

66.7701, 66.7758,
77.0800

66.7701, 66.7758,
77.0800

438.5714,
449.1463, 504.4817

49.1678, 48.9024,
56.8066

113.6425,
114.5991, 131.0264

34.9677, 34.5421,
40.4416

143.6434,
145.3178, 165.5366

23.8044, 23.3104,
27.5667

178.5079,
181.0872, 205.6293

15.3125, 14.8228,
17.7631

218.6013,
222.2914, 251.7232

9.1268, 8.6951,
10.6123

264.2890,
269.3151, 304.2369

4.8817, 4.5429,
5.6959

315.9363,

2.2121, 1.9816,

322.5426, 363.5888

2.5953

373.9087,
382.3582, 430.1976

■ 0.7491, 0.5968,
0.8900

■ 0.0000, 0.0000,
0.0000

■ 66.7701, 66.7758,
77.0800

■ 66.7701, 66.7758,
77.0800

■ 60.7235, 56.1413,
70.5656

■ 73.6393, 78.9909,
84.0636

■ 55.4609, 47.0136,
64.5027

■ 81.3564, 92.8394,
91.5246

■ 50.9487, 39.3258,
58.8787

■ 82.7040, 93.8847,
97.0605

■ 47.1491, 33.0025,
53.6783

■ 83.7758, 94.3134,
102.7045

■ 44.0205, 27.9618,
48.8853

■ 84.8618, 94.7478,
108.4232

■ 41.5170, 24.1124,
44.4819

■ 39.5866, 21.3513,
40.4480

■ 38.1684, 19.5576,
36.7608

■ 37.1829, 18.5732,
33.3911

Harmonies

Analogous

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



65.5534, 66.7758, 81.3936



66.7701, 66.7758, 77.0800



67.0951, 66.7758, 71.7765

Triad

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



66.7701, 66.7758, 77.0800



63.1425, 66.7758, 62.9818



60.5934, 66.7758, 78.7760

Complementary

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



66.7701, 66.7758, 77.0800



65.3599, 72.2626, 74.1252

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.



59.9748, 66.7758, 73.6465



66.7701, 66.7758, 77.0800



61.4281, 66.7758, 64.6625

Square

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



66.7701, 66.7758, 77.0800



64.9773, 66.7758, 63.8016



60.2774, 66.7758, 68.5036



61.9830, 66.7758, 82.4058

Rectangle

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



66.7701, 66.7758, 77.0800



66.7570, 66.7758, 68.4288



60.2774, 66.7758, 68.5036



60.2896, 66.7758, 77.1609

Sweetspot

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



66.7720, 66.7787, 77.0814



93.1889, 96.6868, 107.0187



64.0670, 65.3065, 80.4639



19.9658, 20.7297, 22.9262



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.



66.7720, 66.7787, 77.0814



87.0270, 85.7679, 100.6338



65.7630, 66.3751, 71.7683



14.1031, 13.8589, 16.3132



21.3414, 10.6036, 18.9956



1.5191, 0.7509, 1.5263

Inverse Universe

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



66.7720, 66.7787, 77.0814



87.0270, 85.7679, 100.6338



66.3799, 72.6706, 79.4966



14.1031, 13.8589, 16.3132



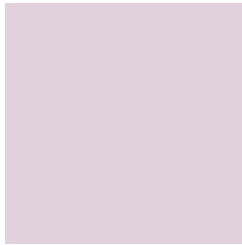
21.3414, 10.6036, 18.9956



1.5191, 0.7509, 1.5263

Previews

White Background



This preview shows how the XYZ color 66.7701, 66.7758, 77.0800 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 66.7701, 66.7758, 77.0800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

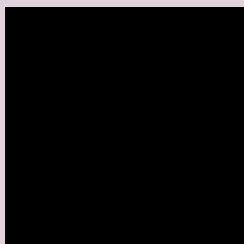
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7701, 66.7758, 77.0800

Background



This preview shows how black text looks on a background with the XYZ color 66.7701, 66.7758, 77.0800.



This preview shows how white text looks on a background with the XYZ color 66.7701, 66.7758,

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

66.7701, 66.7758, 77.0800

Protanopia

64.7526, 66.8080, 78.5896

Deuteranopia

68.1861, 66.7819, 77.0065



Tritanopia

67.5105, 66.7167, 80.5536

Trichromacy



Original Color

66.7701, 66.7758, 77.0800

Protanomaly

65.5588, 66.8691, 77.8583

Deuteranomaly

67.7872, 66.9371, 77.0575

Tritanomaly

67.2392, 66.6082, 79.1248

Monochromacy



Original Color

66.7701, 66.7758, 77.0800

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.5321, 67.6583, 75.2511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7701, 66.7758, 77.0800 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(225, 209, 220)` looks like.

```
.text, #text, p{  
    color:rgb(225, 209, 220)  
}
```

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(225, 209, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 209, 220) }
```

Border

The CSS property to change the border of an element to XYZ 66.7701, 66.7758, 77.0800 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(225, 209, 220) }
```


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

```
.border{ border-color:rgb(225, 209, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 209, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 209, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 209, 220);  
box-shadow:4px 4px 4px 4px rgb(225, 209,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7701, 66.7758, 77.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 209, 220) }
```

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

```
.background{ background-color: rgb(225,  
209, 220) }
```

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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