

Converting Colors

XYZ(66.2670, 64.5768, 80.4384)

Have a look what the booklet for
XYZ(66.2670, 64.5768, 80.4384)
contains.

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Color

**XYZ(66.2348, 64.6295,
80.2180)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E1CCE1 |
| RGB | 225, 204, 225 |
| RGB Percent | 88%, 80%, 88% |
| CMY | 0.1176, 0.2000, 0.1176 |
| CMYK | 0.00, 0.09, 0.00, 0.12 |
| HSL | 300°, 26%, 84% |
| HSV | 300°, 9%, 88% |
| XYZ | 66.2348, 64.6295, 80.2180 |
| YIQ | 212.6730, 5.7750, 10.9830 |

Conversions

Conversions Part 2

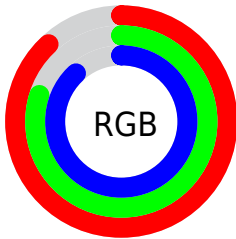
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 225, 204, 225 |
| Decimal | 14798049 |
| CIE _{Lab} | 84.29, 10.99, -7.72 |
| CIE _{LCh} | 84, 13.431, 324.933 |
| Yxy | 64.6295, 0.3138, 0.3062 |
| Android (android.graphics.Color) | 4292988129 (0xFFE1CCE1) |
| YUV | 212.6730, 6.0772, 10.8108 |
| Hunter-Lab | 80.3925, 6.3781, -2.8866 |

Details

The XYZ color **66.2348, 64.6295, 80.2180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7286, 71.0492, 67.5377**, and the grayscale version is **62.9871, 66.2673, 72.1651**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7396, 33.2610, 42.6193** is the 20% darker color. If you saturate the color by 10%, you get **61.2693, 54.6976, 78.5636**, and if you desaturate by 10%, it is **71.9766, 76.1121, 82.1327**.

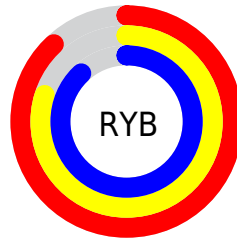
Distribution



Red (88%)

Green (80%)

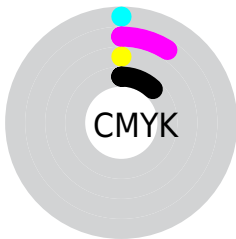
Blue (88%)



Red (88%)

Yellow (80%)

Blue (88%)

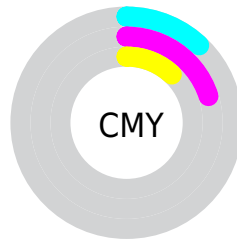


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (20%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2348, 64.6295, 80.2180 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 66.2348, 64.6295, 80.2180 by changing the saturation by 10% instead.

66.2348, 64.6295,
80.2180

66.2348, 64.6295,
80.2180

436.6916,
441.4594, 515.3933

48.7314, 47.1607,
59.3705

112.8791,
111.5170, 135.4864

34.6201, 33.1627,
42.4895

142.7508,
141.7046, 170.7443

23.5356, 22.2511,
29.1563

177.4760,
176.9005, 211.6429

15.1123, 14.0415,
18.9525

217.4200,
217.4891, 258.6006

8.9851, 8.1496,
11.4595

262.9482,
263.8550, 312.0359

4.7885, 4.1908,
6.2588

314.4260,

2.1572, 1.7809,

316.3823, 372.3675

2.9317

372.2186,
375.4557, 440.0137

■ 0.7200, 0.4752,
1.0599

■ 0.0000, 0.0000,
0.0000

■ 66.2348, 64.6295,
80.2180

■ 66.2348, 64.6295,
80.2180

■ 61.2693, 54.6976,
78.5636

■ 71.9766, 76.1121,
82.1327

■ 57.0416, 46.2420,
77.1543

■ 78.5200, 89.1989,
84.3139

■ 53.5180, 39.1949,
75.9797

■ 80.4026, 92.9641,
84.9415

■ 50.6604, 33.4798,
75.0271

■ 80.4026, 92.9641,
84.9416

48.4269, 29.0128,
74.2826

80.4026, 92.9641,
84.9416

46.7709, 25.7009,
73.7306

80.4026, 92.9641,
84.9416

45.6393, 23.4377,
73.3533

80.4027, 92.9641,
84.9417

44.9692, 22.0975,
73.1299

80.4027, 92.9641,
84.9417

44.6588, 21.4767,
73.0264

80.4027, 92.9641,
84.9418

Harmonies

Analogous

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



63.8738, 64.6295, 86.3116



66.2348, 64.6295, 80.2180



67.3098, 64.6295, 71.8287

Triad

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



66.2348, 64.6295, 80.2180



61.9354, 64.6295, 55.2683



56.3814, 64.6295, 77.5119

Complementary

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



66.2348, 64.6295, 80.2180



62.7286, 71.0492, 67.5377

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.



55.9000, 64.6295, 68.9323



66.2348, 64.6295, 80.2180



59.0462, 64.6295, 56.5241

Square

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



66.2348, 64.6295, 80.2180



64.7769, 64.6295, 57.7847



56.8603, 64.6295, 61.3639



58.1973, 64.6295, 84.6628

Rectangle

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



66.2348, 64.6295, 80.2180



67.1283, 64.6295, 66.2291



56.8603, 64.6295, 61.3639



56.0607, 64.6295, 74.6812

Sweetspot

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



66.2367, 64.6323, 80.2194



92.6579, 95.2158, 108.1026



60.0882, 61.4626, 79.9317



19.6993, 20.1134, 23.0940



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.



66.2367, 64.6323, 80.2194



86.7454, 83.3908, 106.1317



64.8479, 64.0768, 72.9061



14.2951, 13.9357, 17.3241



25.7247, 12.3569, 42.0774



1.7831, 0.8565, 2.9166

Inverse Universe

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



66.2367, 64.6323, 80.2194



86.7454, 83.3908, 106.1317



64.0309, 71.5701, 74.3955



14.2951, 13.9357, 17.3241



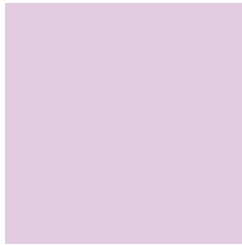
25.7247, 12.3569, 42.0774



1.7831, 0.8565, 2.9166

Previews

White Background



This preview shows how the XYZ color 66.2348, 64.6295, 80.2180 looks on a white background.

Color Contrast Check

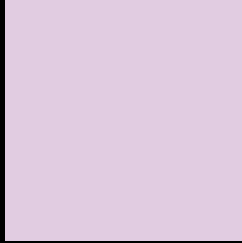
Large Text (above 18pt) WCAG AA × Fail

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 66.2348, 64.6295, 80.2180 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 66.2348, 64.6295, 80.2180

Background



This preview shows how black text looks on a background with the XYZ color 66.2348, 64.6295, 80.2180.



This preview shows how white text looks on a background with the XYZ color 66.2348, 64.6295,

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

66.2348, 64.6295, 80.2180

Protanopia

63.0986, 64.7577, 82.5726

Deuteranopia

65.9239, 64.4693, 80.2034



Tritanopia

65.6229, 64.7304, 77.4421

Trichromacy



Original Color

66.2348, 64.6295, 80.2180

Protanomaly

64.2023, 64.6188, 81.7619

Deuteranomaly

65.9239, 64.4693, 80.2034

Tritanomaly

65.7566, 64.7839, 78.1460

Monochromacy



Original Color

66.2348, 64.6295, 80.2180

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.1863, 65.8547, 74.9739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2348, 64.6295, 80.2180 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, 204, 225)` looks like.

```
.text, #text, p{  
    color:rgb(225, 204, 225)  
}
```

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, 204, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 204, 225) }
```

Border

The CSS property to change the border of an element to XYZ 66.2348, 64.6295, 80.2180 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, 204, 225) }
```


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

```
.border{ border-color:rgb(225, 204, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 204, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 204, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 204, 225);  
box-shadow:4px 4px 4px 4px rgb(225, 204,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2348, 64.6295, 80.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 204, 225) }
```

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

```
.background{ background-color: rgb(225,  
204, 225) }
```

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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