

Converting Colors

XYZ(66.0638, 68.6563, 75.1910)

Have a look what the booklet for
XYZ(66.0638, 68.6563, 75.1910)
contains.

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Color

**XYZ(66.0382, 68.6707,
75.4198)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD7D9
RGB	219, 215, 217
RGB Percent	86%, 84%, 85%
CMY	0.1412, 0.1568, 0.1490
CMYK	0.00, 0.02, 0.01, 0.14
HSL	330°, 5%, 85%
HSV	330°, 2%, 86%
XYZ	66.0382, 68.6707, 75.4198
YIQ	216.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

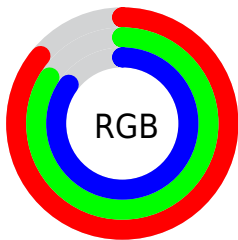
Format	Color
R _Y B	219, 215, 217
Decimal	14407641
CIE Lab	86.34, 1.73, -0.51
CIE LCh	86, 1.799, 343.558
Yxy	68.6707, 0.3143, 0.3268
Android (android.graphics.Color)	4292597721 (0xFFDDBD7D9)
YUV	216.4240, 0.2840, 2.2592
Hunter-Lab	82.8678, -2.7701, 4.0463

Details

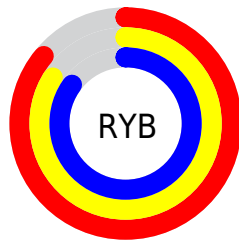
The XYZ color **66.0382, 68.6707, 75.4198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8828, 70.1216, 75.7115**, and the grayscale version is **65.5583, 68.9725, 75.1110**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4022, 35.6428, 39.2490** is the 20% darker color. If you saturate the color by 10%, you get **59.4526, 57.7050, 66.4237**, and if you desaturate by 10%, it is **73.4688, 81.1732, 85.1664**.

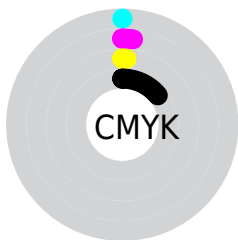
Distribution



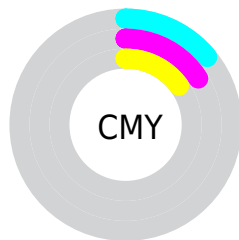
- Red (86%)
- Green (84%)
- Blue (85%)



- Red (86%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0382, 68.6707, 75.4198 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 66.0382, 68.6707, 75.4198 by changing the saturation by 10% instead.

■ 66.0382, 68.6707,
75.4198

■ 66.0382, 68.6707,
75.4198

436.0000,
455.8687, 498.6531

■ 48.5712, 50.4436,
55.4531

112.5986,
117.3111, 128.6590

■ 34.4926, 35.7660,
39.3635

142.4227,
148.4932, 162.7685

■ 23.4370, 24.2535,
26.7327

177.0966,
184.7624, 202.4294

■ 15.0390, 15.5218,
17.1419

216.9856,
226.5031, 248.0602

■ 8.9332, 9.1864,
10.1727

262.4551,
274.0996, 300.0794

■ 4.7544, 4.8630,
5.4065

313.8704,

■ 2.1372, 2.1671,

327.9365, 358.9056

2.4248

371.5969,
388.3981, 424.9573

■ 0.7093, 0.7020,
0.7999

■ 0.0000, 0.0000,
0.0000

■ 66.0382, 68.6707,
75.4198

■ 66.0382, 68.6707,
75.4198

■ 59.4526, 57.7050,
66.4237

■ 73.4688, 81.1732,
85.1664

■ 53.6750, 48.2074,
58.1542

■ 80.5421, 92.8076,
95.2690

■ 48.6741, 40.1176,
50.5924

■ 82.2105, 93.4749,
104.0543

■ 44.4141, 33.3672,
43.7170

■ 83.0238, 93.8003,
108.3372

■ 40.8565, 27.8824,
37.5051

■ 37.9591, 23.5819,
31.9325

■ 35.6749, 20.3752,
26.9728

■ 33.9499, 18.1583,
22.5970

■ 32.7202, 16.8064,
18.7721

Harmonies

Analogous

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



65.8212, 68.6707, 76.4400



66.0382, 68.6707, 75.4198



66.0487, 68.6707, 74.2360

Triad

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



66.0382, 68.6707, 75.4198



65.0824, 68.6707, 72.5698



64.6926, 68.6707, 76.3575

Complementary

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



66.0382, 68.6707, 75.4198



65.8828, 70.1216, 75.7115

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.



64.4964, 68.6707, 75.3080



66.0382, 68.6707, 75.4198



64.7208, 68.6707, 73.1259

Square

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



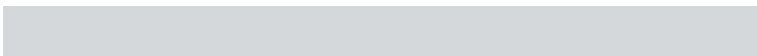
66.0382, 68.6707, 75.4198



65.4957, 68.6707, 72.5990



64.5067, 68.6707, 74.1254



65.0437, 68.6707, 76.9853

Rectangle

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



66.0382, 68.6707, 75.4198



65.9370, 68.6707, 73.5138



64.5067, 68.6707, 74.1254



64.6064, 68.6707, 76.0418

Sweetspot

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



66.0401, 68.6737, 75.4213



94.0371, 98.3019, 107.5521



65.7044, 68.4703, 76.7718



20.1385, 21.0585, 23.0348



0.0000, 0.0000, 0.0000



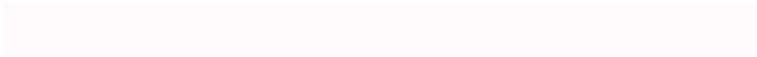
20.3446, 21.4041, 23.3091

Same Dimension

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



66.0401, 68.6737, 75.4213



93.0363, 96.6258, 106.2150



65.7820, 68.5704, 74.0619



14.4287, 14.9980, 16.4765



19.0271, 9.6119, 9.7886



1.2762, 0.6401, 0.8632

Inverse Universe

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



66.0401, 68.6737, 75.4213



93.0363, 96.6258, 106.2150



66.1441, 70.2261, 77.0875



14.4287, 14.9980, 16.4765



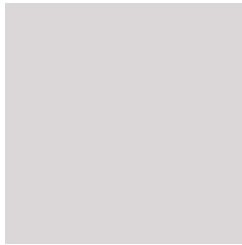
19.0271, 9.6119, 9.7886



1.2762, 0.6401, 0.8632

Previews

White Background



This preview shows how the XYZ color 66.0382, 68.6707, 75.4198 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 66.0382, 68.6707, 75.4198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

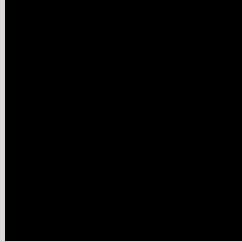
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

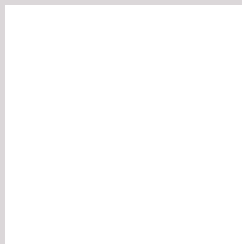
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0382, 68.6707, 75.4198

Background



This preview shows how black text looks on a background with the XYZ color 66.0382, 68.6707, 75.4198.

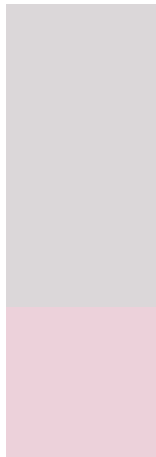


This preview shows how white text looks on a background with the XYZ color 66.0382, 68.6707,

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

66.0382, 68.6707, 75.4198

Protanopia

66.0382, 68.6707, 75.4198

Deuteranopia

70.0474, 68.4958, 75.8588



Tritanopia

67.8960, 68.6738, 84.5398

Trichromacy



Original Color

66.0382, 68.6707, 75.4198

Protanomaly

66.0382, 68.6707, 75.4198

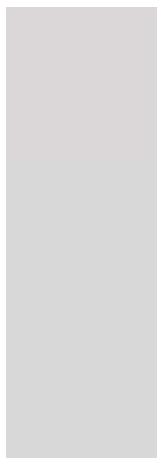
Deuteranomaly

68.5823, 68.4735, 75.9317

Tritanomaly

67.1524, 68.7450, 80.9640

Monochromacy



Original Color

66.0382, 68.6707, 75.4198

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.5658, 68.8213, 74.7939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0382, 68.6707, 75.4198 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(219, 215, 217) looks like.

```
.text, #text, p{  
    color:rgb(219, 215, 217)  
}
```

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(219, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 215, 217) }
```

Border

The CSS property to change the border of an element to XYZ 66.0382, 68.6707, 75.4198 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(219, 215, 217) }
```


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

```
.border{ border-color:rgb(219, 215, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 215, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 215,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0382, 68.6707, 75.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 215, 217) }
```

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

```
.background{ background-color: rgb(219,  
215, 217) }
```

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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