

Converting Colors

XYZ(60.9567, 63.1578, 74.9632)

Have a look what the booklet for
XYZ(60.9567, 63.1578, 74.9632)
contains.

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Color

**XYZ(60.8496, 63.0453,
74.6075)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CFD9
RGB	208, 207, 217
RGB Percent	82%, 81%, 85%
CMY	0.1843, 0.1882, 0.1490
CMYK	0.04, 0.05, 0.00, 0.15
HSL	246°, 12%, 83%
HSV	246°, 5%, 85%
XYZ	60.8496, 63.0453, 74.6075
YIQ	208.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

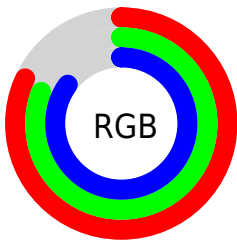
Format	Color
R _Y B	208, 207, 217
Decimal	13684697
CIE Lab	83.47, 2.20, -4.83
CIE LCh	83, 5.305, 294.493
Yxy	63.0453, 0.3065, 0.3176
Android (android.graphics.Color)	4291874777 (0xFFD0CFD9)
YUV	208.4390, 4.2206, -0.3850
Hunter-Lab	79.4011, -2.1571, -0.1298

Details

The XYZ color **60.8496, 63.0453, 74.6075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3967, 68.7314, 68.9071**, and the grayscale version is **60.2153, 63.3512, 68.9894**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2392, 32.2611, 38.7630** is the 20% darker color. If you saturate the color by 10%, you get **50.7910, 50.5859, 72.7337**, and if you desaturate by 10%, it is **72.3110, 77.3040, 76.7566**.

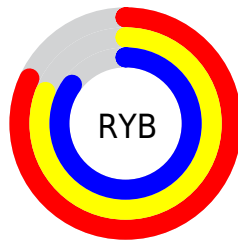
Distribution



Red (82%)

Green (81%)

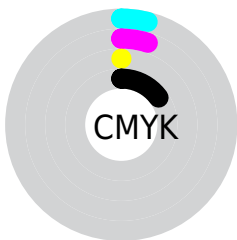
Blue (85%)



Red (82%)

Yellow (81%)

Blue (85%)

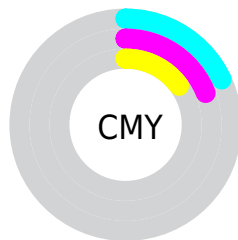


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (15%)



Cyan (18%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8496, 63.0453, 74.6075 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 60.8496, 63.0453, 74.6075 by changing the saturation by 10% instead.

■ 60.8496, 63.0453,
74.6075

■ 60.8496, 63.0453,
74.6075

417.5071,
435.7339, 495.7868

■ 44.3559, 45.8779,
54.7916

105.1605,
109.2349, 127.4986

■ 31.1495, 32.1494,
38.8374

133.7084,
139.0258, 161.4109

■ 20.8651, 21.4757,
26.3264

167.0050,
173.7933, 200.8590

■ 13.1373, 13.4721,
16.8400

205.4158,
213.9218, 246.2616

■ 7.6008, 7.7545,
9.9598

249.3060,
259.7957, 298.0371

■ 3.8902, 3.9382,
5.2670

299.0410,

■ 1.6402, 1.6391,

311.7995, 356.6041

2.3433

354.9863,
370.3174, 422.3812

■ 0.4184, 0.3837,
0.7553

■ 0.0000, 0.0000,
0.0000

■ 60.8496, 63.0453,
74.6075

■ 60.8496, 63.0453,
74.6075

■ 50.7910, 50.5859,
72.7337

■ 72.3110, 77.3040,
76.7566

■ 42.0760, 39.8464,
71.1201

■ 85.2207, 93.4211,
79.1871

■ 34.6491, 30.7538,
69.7565

■ 89.5246, 97.7898,
79.8035

■ 28.4491, 23.2262,
68.6303

■ 23.4094, 17.1752,
67.7279

■ 19.4574, 12.5031,
67.0344

■ 16.5120, 9.1008,
66.5330

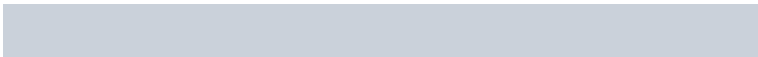
■ 14.4807, 6.8423,
66.2041

■ 13.2534, 5.5754,
66.0242

Harmonies

Analogous

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



59.7095, 63.0453, 75.1839



60.8496, 63.0453, 74.6075



61.7517, 63.0453, 72.4124

Triad

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



60.8496, 63.0453, 74.6075



61.2239, 63.0453, 63.5893



57.7357, 63.0453, 68.0361

Complementary

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



60.8496, 63.0453, 74.6075



64.3967, 68.7314, 68.9071

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.



58.1301, 63.0453, 65.0117



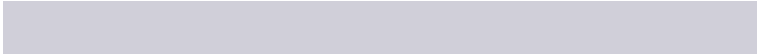
60.8496, 63.0453, 74.6075



60.1364, 63.0453, 62.4978

Square

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



60.8496, 63.0453, 74.6075



61.9697, 63.0453, 66.0382



59.0052, 63.0453, 63.0101



57.9212, 63.0453, 71.3207

Rectangle

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



60.8496, 63.0453, 74.6075



62.0917, 63.0453, 70.3629



59.0052, 63.0453, 63.0101



57.8047, 63.0453, 66.9565

Sweetspot

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



60.8514, 63.0480, 74.6089



93.4023, 97.9510, 108.5913



62.8571, 67.4740, 75.3575



20.0093, 20.9871, 23.2463



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.



60.8514, 63.0480, 74.6089



85.4744, 88.1041, 107.1086



62.2317, 63.7595, 74.6735



13.1080, 13.4841, 16.5640



7.8179, 3.1545, 39.9352



0.5484, 0.2260, 2.5892

Inverse Universe

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



63.3250, 64.3381, 74.0500



90.1172, 90.5258, 106.0492



62.9891, 68.0057, 68.8412



13.8899, 13.8920, 16.3849



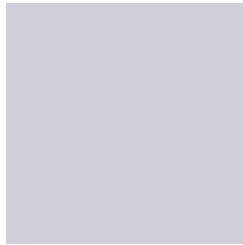
23.3327, 11.3341, 32.4617



1.5281, 0.7409, 2.1901

Previews

White Background



This preview shows how the XYZ color 60.8496, 63.0453, 74.6075 looks on a white background.

Color Contrast Check

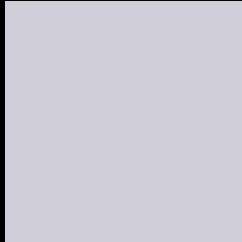
Large Text (above 18pt) WCAG AA × Fail

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 60.8496, 63.0453, 74.6075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

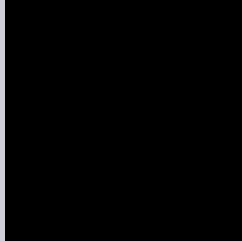
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

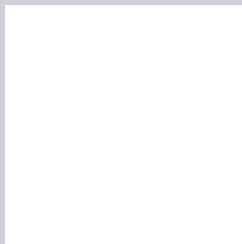
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8496, 63.0453, 74.6075

Background



This preview shows how black text looks on a background with the XYZ color 60.8496, 63.0453, 74.6075.

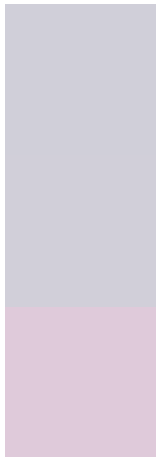


This preview shows how white text looks on a background with the XYZ color 60.8496, 63.0453,

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

60.8496, 63.0453, 74.6075

Protanopia

61.1317, 63.1907, 74.6207

Deuteranopia

64.2068, 62.9910, 75.1041



Tritanopia

61.5506, 62.9718, 78.0180

Trichromacy



Original Color

60.8496, 63.0453, 74.6075

Protanomaly

61.1317, 63.1907, 74.6207

Deuteranomaly

63.1612, 63.1531, 75.1905

Tritanomaly

61.2841, 62.8652, 76.6143

Monochromacy



Original Color

60.8496, 63.0453, 74.6075

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.3262, 63.2248, 70.6521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8496, 63.0453, 74.6075 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(208, 207, 217) looks like.

```
.text, #text, p{  
    color:rgb(208, 207, 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(208, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 207, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.8496, 63.0453, 74.6075 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(208, 207, 217) }
```


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

```
.border{ border-color:rgb(208, 207, 217) }
```

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

Here you see how a box with a 4 pixel rgb(208, 207, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(208, 207,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8496, 63.0453, 74.6075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 207, 217) }
```

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

```
.background{ background-color: rgb(208,  
207, 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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