

Converting Colors

XYZ(60.4644, 64.7882, 64.9403)

Have a look what the booklet for
XYZ(60.4644, 64.7882, 64.9403)
contains.

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Color

**XYZ(60.4986, 64.9065,
65.2167)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D4CA
RGB	209, 212, 202
RGB Percent	82%, 83%, 79%
CMY	0.1804, 0.1686, 0.2078
CMYK	0.01, 0.00, 0.05, 0.17
HSL	78°, 10%, 81%
HSV	78°, 5%, 83%
XYZ	60.4986, 64.9065, 65.2167
YIQ	209.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

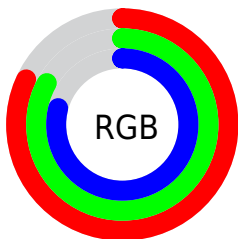
Format	Color
R_{YB}	202, 212, 205
Decimal	13751498
CIE Lab	84.44, -2.81, 4.58
CIE LCh	84, 5.369, 121.546
Yxy	64.9065, 0.3174, 0.3405
Android (android.graphics.Color)	4291941578 (0xFFD1D4CA)
YUV	209.9630, -3.9258, -0.8446
Hunter-Lab	80.5646, -6.9464, 8.4002

Details

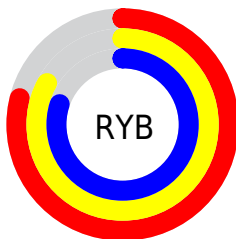
The XYZ color **60.4986, 64.9065, 65.2167** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1835, 59.9754, 70.8005**, and the grayscale version is **61.2601, 64.4504, 70.1865**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9198, 33.2206, 32.7995** is the 20% darker color. If you saturate the color by 10%, you get **56.3941, 63.0628, 52.8092**, and if you desaturate by 10%, it is **65.0236, 66.9309, 79.4468**.

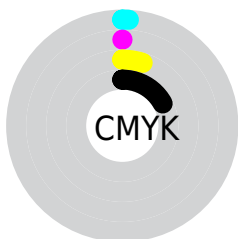
Distribution



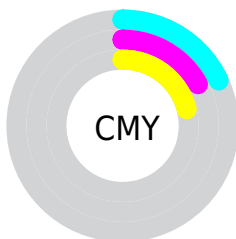
- Red (82%)
- Green (83%)
- Blue (79%)



- Red (79%)
- Yellow (83%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4986, 64.9065, 65.2167 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 60.4986, 64.9065, 65.2167 by changing the saturation by 10% instead.

■ 60.4986, 64.9065,
65.2167

■ 60.4986, 64.9065,
65.2167

416.2385,
442.4559, 461.8978

■ 44.0716, 47.3853,
47.1844

104.6548,
111.9154, 113.9776

■ 30.9250, 33.3403,
32.8260

133.1148,
142.1719, 145.5432

■ 20.6933, 22.3873,
21.7232

166.3166,
177.4423, 182.4571

■ 13.0112, 14.1417,
13.4573

204.6254,
218.1109, 225.1376

■ 7.5133, 8.2193,
7.6098

248.4066,
264.5622, 274.0034

■ 3.8343, 4.2356,
3.7621

298.0256,

■ 1.6088, 1.8062,

317.1805, 329.4730

1.4958

353.8478,
376.3503, 391.9650

■ 0.3981, 0.4910,
0.2148

■ 0.0000, 0.0000,
0.0000

■ 60.4986, 64.9065,
65.2167

■ 60.4986, 64.9065,
65.2167

■ 56.3941, 63.0628,
52.8092

■ 65.0236, 66.9309,
79.4468

■ 52.6899, 61.3854,
42.1463

■ 69.9778, 69.1332,
95.5646

■ 49.3720, 59.8706,
33.1509

■ 73.6214, 70.8198,
104.3971

■ 46.4236, 58.5117,
25.7383

■ 75.6797, 71.8809,
104.4934

■ 43.8262, 57.3011,
19.8164

■ 77.8132, 72.9808,
104.5932

■ 41.5596, 56.2306,
15.2837

■ 80.0227, 74.1198,
104.6966

■ 39.6014, 55.2912,
12.0258

■ 82.3088, 75.2984,
104.8036

■ 37.9254, 54.4722,
9.9103

■ 82.8347, 75.5695,
104.8282

■ 36.5000, 53.7610,
8.7758

Harmonies

Analogous

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



61.6298, 64.9065, 64.3025



60.4986, 64.9065, 65.2167



59.6956, 64.9065, 67.5861

Triad

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



60.4986, 64.9065, 65.2167



60.6045, 64.9065, 76.6106



64.0147, 64.9065, 70.4950

Complementary

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



60.4986, 64.9065, 65.2167



58.1835, 59.9754, 70.8005

Split Complementary

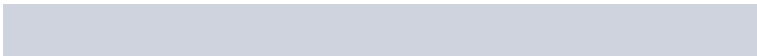
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.7318, 64.9065, 73.8507



60.4986, 64.9065, 65.2167



61.7536, 64.9065, 77.4491

Square

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



60.4986, 64.9065, 65.2167



59.7562, 64.9065, 74.1674



62.9003, 64.9065, 76.4236



63.6685, 64.9065, 67.2885

Rectangle

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



60.4986, 64.9065, 65.2167



59.4491, 64.9065, 69.7101



62.9003, 64.9065, 76.4236



63.9900, 64.9065, 71.6430

Sweetspot

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



60.5004, 64.9093, 65.2181



94.3609, 99.6919, 106.7389



59.6456, 61.9260, 64.6873



20.2044, 21.3414, 22.8693



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.



60.5004, 64.9093, 65.2181



91.0135, 98.1925, 96.3607



59.1081, 64.1915, 65.1529



13.3571, 14.4428, 14.0398



22.2174, 33.0298, 5.2044



1.4218, 2.0344, 0.3177

Inverse Universe

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



58.1835, 59.9754, 70.8005



86.5323, 88.6495, 107.1581



59.5848, 60.6978, 70.8661



12.6413, 12.9183, 15.7647



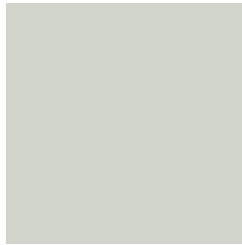
8.7170, 3.6463, 38.6975



0.6087, 0.2627, 2.3379

Previews

White Background



This preview shows how the XYZ color 60.4986, 64.9065, 65.2167 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 60.4986, 64.9065, 65.2167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

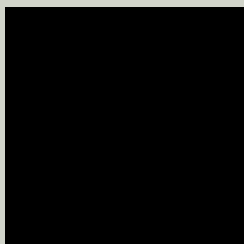
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

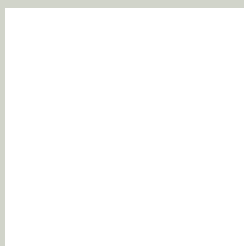
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4986, 64.9065, 65.2167

Background



This preview shows how black text looks on a background with the XYZ color 60.4986, 64.9065, 65.2167.

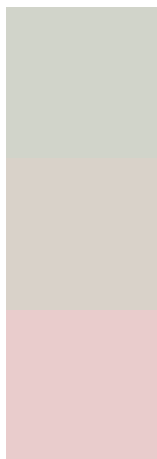


This preview shows how white text looks on a background with the XYZ color 60.4986, 64.9065,

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

60.4986, 64.9065, 65.2167

Protanopia

62.2045, 65.0619, 64.5380

Deuteranopia

66.0962, 64.8690, 66.1641



Tritanopia

63.5424, 65.0342, 80.4380

Trichromacy



Original Color

60.4986, 64.9065, 65.2167

Protanomaly

61.5684, 65.1017, 64.5792

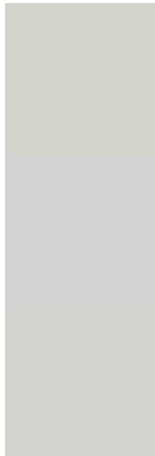
Deuteranomaly

63.8328, 64.7847, 65.6403

Tritanomaly

62.4349, 64.9518, 74.8919

Monochromacy



Original Color

60.4986, 64.9065, 65.2167

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.1351, 64.7952, 68.3160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4986, 64.9065, 65.2167 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(209, 212, 202) looks like.

```
.text, #text, p{  
    color:rgb(209, 212, 202)  
}
```

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(209, 212, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 212, 202) }
```

Border

The CSS property to change the border of an element to XYZ 60.4986, 64.9065, 65.2167 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(209, 212, 202) }
```


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

```
.border{ border-color:rgb(209, 212, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 212, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 212, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 212, 202);  
box-shadow:4px 4px 4px 4px rgb(209, 212,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4986, 64.9065, 65.2167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 212, 202) }
```

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

```
.background{ background-color: rgb(209,  
212, 202) }
```

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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