

Converting Colors

XYZ(60.8488, 65.1675, 60.9191)

Have a look what the booklet for
XYZ(60.8488, 65.1675, 60.9191)
contains.

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Color

**XYZ(60.8344, 65.1732,
61.0031)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D4C3
RGB	213, 212, 195
RGB Percent	84%, 83%, 76%
CMY	0.1647, 0.1686, 0.2353
CMYK	0.00, 0.00, 0.08, 0.16
HSL	57°, 18%, 80%
HSV	57°, 8%, 84%
XYZ	60.8344, 65.1732, 61.0031
YIQ	210.3610, 6.0530, -5.0750

Conversions

Conversions Part 2

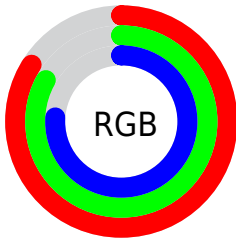
Format	Color
RYB	196, 213, 195
Decimal	14013635
CIELab	84.57, -2.61, 8.52
CIELCh	85, 8.914, 107.004
Yxy	65.1732, 0.3253, 0.3485
Android (android.graphics.Color)	4292203715 (0xFFD5D4C3)
YUV	210.3610, -7.5730, 2.3144
Hunter-Lab	80.7299, -6.7679, 11.7088

Details

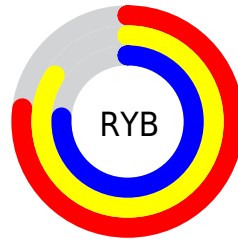
The XYZ color **60.8344, 65.1732, 61.0031** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2559, 55.8852, 70.8789**, and the grayscale version is **61.5427, 64.7477, 70.5103**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **30.9652, 33.3061, 29.9960** is the 20% darker color. If you saturate the color by 10%, you get **58.3030, 63.6930, 49.1130**, and if you desaturate by 10%, it is **63.7152, 66.8008, 74.7061**.

Distribution



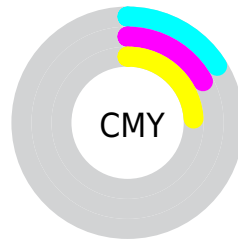
- Red (84%)
- Green (83%)
- Blue (76%)



- Red (77%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8344, 65.1732, 61.0031 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 60.8344, 65.1732, 61.0031 by changing the saturation by 10% instead.

■ 60.8344, 65.1732,
61.0031

■ 60.8344, 65.1732,
61.0031

417.4522,
443.4141, 446.1922

■ 44.3436, 47.6015,
43.7971

105.1386,
112.2988, 107.8410

■ 31.1398, 33.5114,
30.1750

133.6827,
142.6216, 138.3100

■ 20.8576, 22.5185,
19.7183

166.9752,
177.9635, 174.0370

■ 13.1319, 14.2384,
12.0084

205.3815,
218.7089, 215.4407

■ 7.5970, 8.2867,
6.6268

249.2671,
265.2423, 262.9395

■ 3.8878, 4.2789,
3.1549

298.9971,

■ 1.6389, 1.8308,

317.9481, 316.9520

1.1743

354.9370,
377.2105, 377.8967

■ 0.4175, 0.5062,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8344, 65.1732,
61.0031

■ 60.8344, 65.1732,
61.0031

■ 58.3030, 63.6930,
49.1130

■ 63.7152, 66.8008,
74.7061

■ 56.1011, 62.3459,
38.9555

■ 66.9535, 68.5728,
90.2896

■ 54.2149, 61.1285,
30.4503

■ 69.9294, 70.2433,
104.4804

■ 52.6278, 60.0342,
23.5091

■ 70.2316, 70.8478,
104.5811

■ 51.3214, 59.0556,
18.0356

■ 70.5360, 71.4566,
104.6826

■ 50.2753, 58.1845,
13.9228

■ 70.8426, 72.0697,
104.7848

■ 49.4666, 57.4118,
11.0489

■ 71.1514, 72.6872,
104.8877

■ 48.8679, 56.7264,
9.2710

■ 71.4623, 73.3091,
104.9913

■ 48.4383, 56.1121,
8.3725

■ 71.7754, 73.9353,
105.0957

Harmonies

Analogous

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



62.8085, 65.1732, 60.8242



60.8344, 65.1732, 61.0031



59.1921, 65.1732, 63.7579

Triad

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



60.8344, 65.1732, 61.0031



59.3756, 65.1732, 79.2716



65.7437, 65.1732, 73.4522

Complementary

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



60.8344, 65.1732, 61.0031



54.2559, 55.8852, 70.8789

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.



64.7823, 65.1732, 78.6904



60.8344, 65.1732, 61.0031



61.0898, 65.1732, 82.1692

Square

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



60.8344, 65.1732, 61.0031



58.3623, 65.1732, 74.2113



63.0694, 65.1732, 81.9509



65.6717, 65.1732, 67.8100

Rectangle

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



60.8344, 65.1732, 61.0031



58.4937, 65.1732, 66.7724



63.0694, 65.1732, 81.9509



65.5298, 65.1732, 75.3244

Sweetspot

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



60.8362, 65.1760, 61.0045



93.7077, 99.2472, 102.4968



56.9431, 57.1719, 60.3790



19.9823, 21.2007, 21.5815



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.



60.8362, 65.1760, 61.0045



90.7643, 97.5681, 88.5440



58.8775, 64.5371, 60.9844



13.4112, 14.3967, 13.2327



29.5760, 34.2693, 5.0558



1.8022, 2.1037, 0.3111

Inverse Universe

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



54.2559, 55.8852, 70.8789



79.0739, 81.0625, 106.0867



56.1004, 56.5037, 70.9011



11.7972, 12.1178, 15.6547



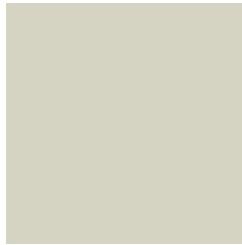
7.4390, 3.1398, 38.6671



0.4685, 0.2291, 2.3388

Previews

White Background



This preview shows how the XYZ color 60.8344, 65.1732, 61.0031 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 60.8344, 65.1732, 61.0031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

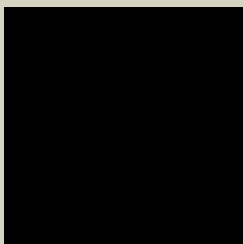
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

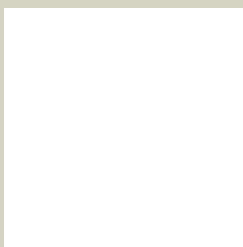
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8344, 65.1732, 61.0031

Background



This preview shows how black text looks on a background with the XYZ color 60.8344, 65.1732, 61.0031.



This preview shows how white text looks on a background with the XYZ color 60.8344, 65.1732,

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

60.8344, 65.1732, 61.0031

Protanopia

61.9976, 65.0483, 60.3269

Deuteranopia

66.5960, 65.2215, 61.9023



Tritanopia

64.6257, 65.2453, 79.7085

Trichromacy



Original Color

60.8344, 65.1732, 61.0031

Protanomaly

61.6471, 65.2353, 60.3815

Deuteranomaly

64.2715, 65.1051, 61.4036

Tritanomaly

63.1296, 65.0040, 72.1705

Monochromacy



Original Color

60.8344, 65.1732, 61.0031

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.1777, 64.8452, 67.0496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8344, 65.1732, 61.0031 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(213, 212, 195) looks like.

```
.text, #text, p{  
    color:rgb(213, 212, 195)  
}
```

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(213, 212, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 212, 195) }
```

Border

The CSS property to change the border of an element to XYZ 60.8344, 65.1732, 61.0031 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(213, 212, 195) }
```


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

```
.border{ border-color:rgb(213, 212, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 212, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 212, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 212, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 212,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8344, 65.1732, 61.0031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 212, 195) }
```

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

```
.background{ background-color: rgb(213,  
212, 195) }
```

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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