

Converting Colors

XYZ(60.8420, 65.4477, 58.5075)

Have a look what the booklet for
XYZ(60.8420, 65.4477, 58.5075)
contains.

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Color

**XYZ(60.9298, 65.6462,
58.7499)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D5BF
RGB	214, 213, 191
RGB Percent	84%, 84%, 75%
CMY	0.1608, 0.1647, 0.2510
CMYK	0.00, 0.00, 0.11, 0.16
HSL	57°, 22%, 79%
HSV	57°, 11%, 84%
XYZ	60.9298, 65.6462, 58.7499
YIQ	210.7910, 7.6580, -6.6300

Conversions

Conversions Part 2

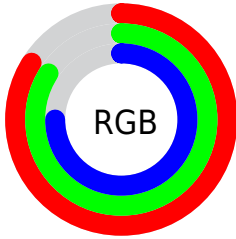
Format	Color
RYB	192, 214, 191
Decimal	14079423
CIELab	84.82, -3.43, 11.00
CIElCh	85, 11.520, 107.311
Yxy	65.6462, 0.3288, 0.3542
Android (android.graphics.Color)	4292269503 (0xFFD6D5BF)
YUV	210.7910, -9.7570, 2.8143
Hunter-Lab	81.0223, -7.5549, 13.7240

Details

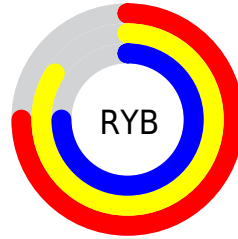
The XYZ color **60.9298, 65.6462, 58.7499** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4731, 53.6299, 71.2050**, and the grayscale version is **61.8392, 65.0597, 70.8500**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **31.1124, 33.6596, 28.9019** is the 20% darker color. If you saturate the color by 10%, you get **58.5131, 64.3098, 47.1620**, and if you desaturate by 10%, it is **63.6956, 67.1287, 72.1535**.

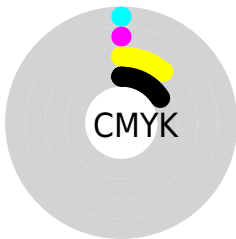
Distribution



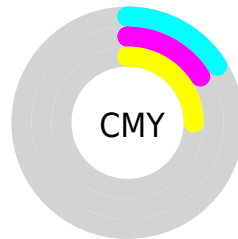
- Red (84%)
- Green (84%)
- Blue (75%)



- Red (75%)
- Yellow (84%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9298, 65.6462, 58.7499 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 60.9298, 65.6462, 58.7499 by changing the saturation by 10% instead.

60.9298, 65.6462,
58.7499

60.9298, 65.6462,
58.7499

417.7966,
445.1105, 437.6505

44.4208, 47.9853,
41.9931

105.2760,
112.9784, 104.5396

31.2008, 33.8152,
28.7704

133.8439,
143.4184, 134.4097

20.9044, 22.7517,
18.6631

167.1622,
178.8869, 169.4879

13.1662, 14.4103,
11.2528

205.5962,
219.7683, 210.1928

7.6209, 8.4066,
6.1208

249.5113,
266.4470, 256.9430

3.9031, 4.3562,
2.8487

299.2728,

1.6475, 1.8747,

319.3073, 310.1570

1.0179

355.2461,
378.7337, 370.2533

■ 0.4230, 0.5331,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9298, 65.6462,
58.7499

■ 60.9298, 65.6462,
58.7499

■ 58.5131, 64.3098,
47.1620

■ 63.6956, 67.1287,
72.1535

■ 56.4252, 63.1049,
37.3072

■ 66.8191, 68.7543,
87.4420

■ 54.6520, 62.0280,
29.1030

■ 70.2827, 70.5180,
104.5148

■ 53.1762, 61.0721,
22.4584

■ 70.5205, 70.9935,
104.5940

■ 51.9788, 60.2298,
17.2737

■ 70.7596, 71.4717,
104.6737

■ 51.0388, 59.4925,
13.4376

■ 71.0000, 71.9526,
104.7539

■ 50.3320, 58.8506,
10.8228

■ 71.2418, 72.4362,
104.8345

■ 49.8296, 58.2926,
9.2779

■ 71.4850, 72.9225,
104.9155

■ 49.4998, 57.8321,
8.5538

■ 71.7295, 73.4115,
104.9970

Harmonies

Analogous

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



63.4912, 65.6462, 58.4900



60.9298, 65.6462, 58.7499



58.8178, 65.6462, 62.2682

Triad

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



60.9298, 65.6462, 58.7499



59.0903, 65.6462, 82.4410



67.3622, 65.6462, 74.6450

Complementary

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



60.9298, 65.6462, 58.7499



52.4731, 53.6299, 71.2050

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.



66.1138, 65.6462, 81.5529



60.9298, 65.6462, 58.7499



61.3110, 65.6462, 86.2580

Square

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



60.9298, 65.6462, 58.7499



57.7761, 65.6462, 75.7903



63.8830, 65.6462, 85.9222



67.2532, 65.6462, 67.3316

Rectangle

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



60.9298, 65.6462, 58.7499



57.9275, 65.6462, 66.1345



63.8830, 65.6462, 85.9222



67.0859, 65.6462, 77.1009

Sweetspot

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



60.9316, 65.6491, 58.7513



93.7370, 99.3059, 102.5066



55.8943, 55.3712, 57.6991



19.9902, 21.2165, 21.5842



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.



60.9316, 65.6491, 58.7513



89.7085, 97.1335, 83.0224



58.2574, 64.6435, 58.6982



13.4246, 14.4234, 13.2372



29.9395, 34.9963, 5.1770



1.8204, 2.1400, 0.3171

Inverse Universe

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



52.4731, 53.6299, 71.2050



74.5923, 75.6539, 105.2790



54.9509, 54.5837, 71.2585



11.7853, 12.0940, 15.6507



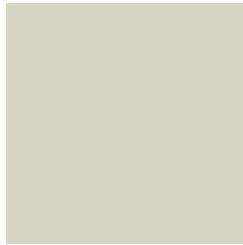
7.4167, 3.0952, 38.6597



0.4629, 0.2177, 2.3369

Previews

White Background



This preview shows how the XYZ color 60.9298, 65.6462, 58.7499 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 60.9298, 65.6462, 58.7499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

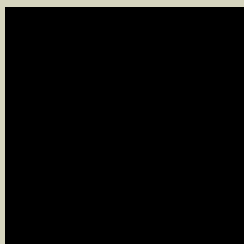
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

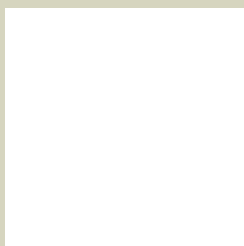
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9298, 65.6462, 58.7499

Background



This preview shows how black text looks on a background with the XYZ color 60.9298, 65.6462, 58.7499.



This preview shows how white text looks on a background with the XYZ color 60.9298, 65.6462,

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

60.9298, 65.6462, 58.7499

Protanopia

62.4073, 65.6784, 58.1032

Deuteranopia

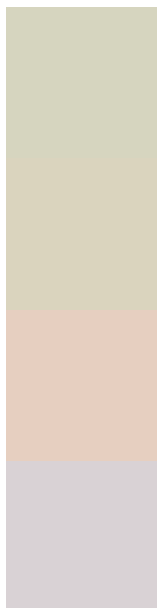
66.8151, 65.3867, 59.5514



Tritanopia

65.3599, 65.6081, 80.4529

Trichromacy



Original Color

60.9298, 65.6462, 58.7499

Protanomaly

61.7512, 65.7101, 58.1439

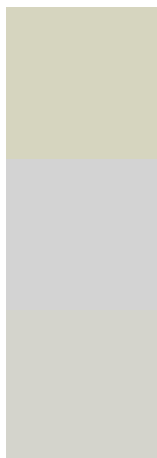
Deuteranomaly

64.4604, 65.2544, 59.0671

Tritanomaly

63.6721, 65.6490, 72.2664

Monochromacy



Original Color

60.9298, 65.6462, 58.7499

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5939, 65.4436, 66.5123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9298, 65.6462, 58.7499 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(214, 213, 191)` looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 191)  
}
```

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(214, 213, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 191) }
```

Border

The CSS property to change the border of an element to XYZ 60.9298, 65.6462, 58.7499 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(214, 213, 191) }
```


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

```
.border{ border-color:rgb(214, 213, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 191);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9298, 65.6462, 58.7499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 191) }
```

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

```
.background{ background-color: rgb(214,  
213, 191) }
```

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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