

Converting Colors

XYZ(58.7551, 60.3831, 62.1670)

Have a look what the booklet for
XYZ(58.7551, 60.3831, 62.1670)
contains.

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Color

**XYZ(58.7541, 60.4644,
62.0002)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D5CAC6 |
| RGB | 213, 202, 198 |
| RGB Percent | 84%, 79%, 78% |
| CMY | 0.1647, 0.2078, 0.2235 |
| CMYK | 0.00, 0.05, 0.07, 0.16 |
| HSL | 16°, 15%, 81% |
| HSV | 16°, 7%, 84% |
| XYZ | 58.7541, 60.4644, 62.0002 |
| YIQ | 204.8330, 7.8400, 1.0880 |

Conversions

Conversions Part 2

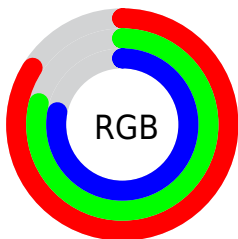
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 213, 203, 198 |
| Decimal | 14011078 |
| CIE Lab | 82.09, 3.13, 3.35 |
| CIE LCh | 82, 4.583, 46.973 |
| Yxy | 60.4644, 0.3242, 0.3337 |
| Android (android.graphics.Color) | 4292201158 (0xFFD5CAC6) |
| YUV | 204.8330, -3.3687, 7.1625 |
| Hunter-Lab | 77.7589, -1.2045, 7.1569 |

Details

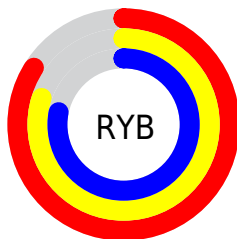
The XYZ color **58.7541, 60.4644, 62.0002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0992, 62.4096, 71.9355**, and the grayscale version is **57.9408, 60.9583, 66.3836**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7245, 30.4625, 30.6988** is the 20% darker color. If you saturate the color by 10%, you get **52.9882, 52.5913, 48.7974**, and if you desaturate by 10%, it is **65.2397, 69.2224, 77.1489**.

Distribution



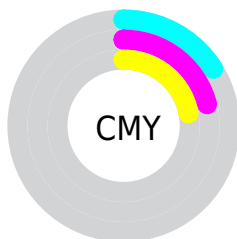
- Red (84%)
- Green (79%)
- Blue (78%)



- Red (84%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7541, 60.4644, 62.0002 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 58.7541, 60.4644, 62.0002 by changing the saturation by 10% instead.

■ 58.7541, 60.4644,
62.0002

■ 58.7541, 60.4644,
62.0002

409.8988,
426.3074, 449.9395

■ 42.6608, 43.7931,
44.5971

102.1369,
105.5030, 109.2974

■ 29.8124, 30.5079,
30.7995

130.1570,
134.6391, 140.0286

■ 19.8436, 20.2244,
20.1891

162.8836,
168.6989, 176.0395

■ 12.3890, 12.5583,
12.3471

200.6818,
208.0669, 217.7488

■ 7.0833, 7.1251,
6.8551

243.9171,
253.1273, 265.5748

■ 3.5610, 3.5404,
3.2946

292.9547,

■ 1.4569, 1.4200,

304.2646, 319.9363

1.2470

348.1602,
361.8632, 381.2517

■ 0.2962, 0.2314,
0.0177

■ 0.0000, 0.0000,
0.0000

■ 58.7541, 60.4644,
62.0002

■ 58.7541, 60.4644,
62.0002

■ 52.9882, 52.5913,
48.7974

■ 65.2397, 69.2224,
77.1489

■ 47.9116, 45.5676,
37.4575

■ 72.4638, 78.8839,
94.3143

■ 43.4992, 39.3668,
27.8972

■ 79.3198, 89.0242,
107.6105

■ 39.7223, 33.9581,
20.0251

■ 81.2508, 92.8863,
108.2542

■ 36.5500, 29.3086,
13.7420

■ 33.9488, 25.3833,
8.9378

■ 31.8815, 22.1439,
5.4886

■ 30.3058, 19.5484,
3.2496

■ 29.1695, 17.5484,
2.0307

Harmonies

Analogous

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



59.2754, 60.4644, 64.2855



58.7541, 60.4644, 62.0002



57.8918, 60.4644, 60.7580

Triad

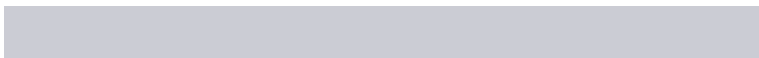
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.7541, 60.4644, 62.0002



55.6682, 60.4644, 64.6365



58.0168, 60.4644, 71.0878

Complementary

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



58.7541, 60.4644, 62.0002



58.0992, 62.4096, 71.9355

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.



57.0494, 60.4644, 71.1882



58.7541, 60.4644, 62.0002



55.7008, 60.4644, 67.4101

Square

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



58.7541, 60.4644, 62.0002



56.1144, 60.4644, 62.2509



56.2040, 60.4644, 69.8257



58.8465, 60.4644, 69.5550

Rectangle

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



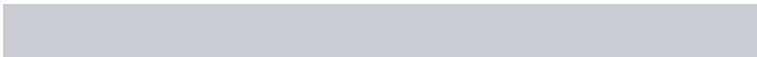
58.7541, 60.4644, 62.0002



57.2430, 60.4644, 60.6650



56.2040, 60.4644, 69.8257



57.6968, 60.4644, 71.2917

Sweetspot

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



58.7558, 60.4670, 62.0015



93.0585, 97.3136, 104.2390



59.1440, 59.1386, 68.6199



19.9392, 20.8573, 22.3602



0.0000, 0.0000, 0.0000



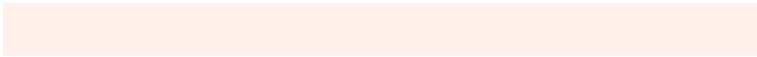
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7558, 60.4670, 62.0015



87.3511, 89.5819, 90.9817



60.5576, 64.0707, 62.6021



12.6902, 12.9546, 12.9924



17.7235, 10.5643, 1.1050



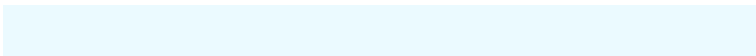
1.1373, 0.7739, 0.0894

Inverse Universe

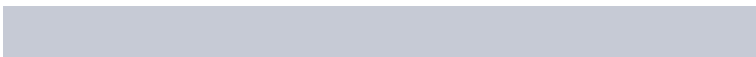
The Inverse Universe completely reimagines the original color for something new.



58.0992, 62.4096, 71.9355



86.2264, 92.9090, 107.9963



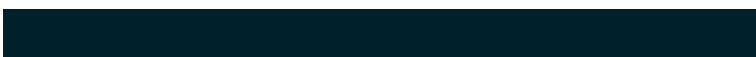
56.3031, 58.8175, 71.3368



12.4988, 13.5209, 15.8886



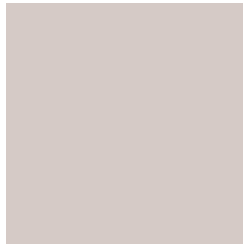
14.7012, 17.6641, 41.0878



0.9531, 1.1981, 2.5003

Previews

White Background



This preview shows how the XYZ color 58.7541, 60.4644, 62.0002 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 58.7541, 60.4644, 62.0002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

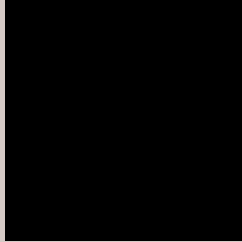
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

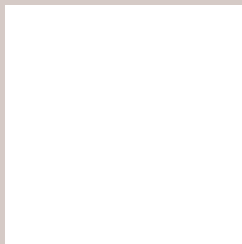
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7541, 60.4644, 62.0002

Background



This preview shows how black text looks on a background with the XYZ color 58.7541, 60.4644, 62.0002.

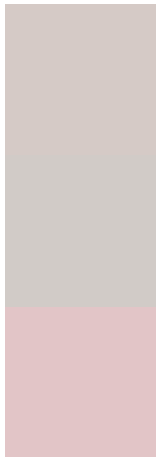


This preview shows how white text looks on a background with the XYZ color 58.7541, 60.4644,

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

58.7541, 60.4644, 62.0002

Protanopia

57.9592, 60.3907, 62.6346

Deuteranopia

61.6391, 60.2248, 62.4086



Tritanopia

60.7135, 60.2002, 72.7098

Trichromacy



Original Color

58.7541, 60.4644, 62.0002

Protanomaly

58.2431, 60.5370, 62.6479

Deuteranomaly

60.5510, 60.3425, 62.4887

Tritanomaly

59.8945, 60.2081, 68.7862

Monochromacy



Original Color

58.7541, 60.4644, 62.0002

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.2660, 60.8599, 64.5533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7541, 60.4644, 62.0002 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, 202, 198) looks like.

```
.text, #text, p{  
    color:rgb(213, 202, 198)  
}
```

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, 202, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 202, 198) }
```

Border

The CSS property to change the border of an element to XYZ 58.7541, 60.4644, 62.0002 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, 202, 198) }
```


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

```
.border{ border-color:rgb(213, 202, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 202, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 202, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 202, 198); box-shadow:4px 4px 4px 4px rgb(213, 202, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7541, 60.4644, 62.0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 202, 198) }
```

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

```
.background{ background-color: rgb(213,  
202, 198) }
```

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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