

Converting Colors

XYZ(58.4571, 60.8376, 50.6033)

Have a look what the booklet for
XYZ(58.4571, 60.8376, 50.6033)
contains.

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Color

**XYZ(58.6052, 60.9863,
50.8022)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCBB2
RGB	219, 203, 178
RGB Percent	86%, 80%, 70%
CMY	0.1412, 0.2039, 0.3020
CMYK	0.00, 0.07, 0.19, 0.14
HSL	37°, 36%, 78%
HSV	37°, 19%, 86%
XYZ	58.6052, 60.9863, 50.8022
YIQ	204.9340, 17.5610, -4.3830

Conversions

Conversions Part 2

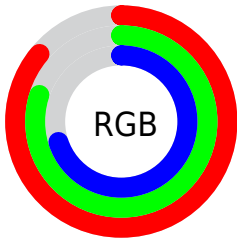
Format	Color
R _Y B	204, 219, 178
Decimal	14404530
CIE Lab	82.37, 1.55, 14.48
CIE LCh	82, 14.568, 83.878
Yxy	60.9863, 0.3439, 0.3579
Android (android.graphics.Color)	4292594610 (0xFFDBCBB2)
YUV	204.9340, -13.2785, 12.3359
Hunter-Lab	78.0937, -2.7092, 16.0958

Details

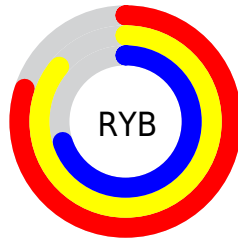
The XYZ color **58.6052, 60.9863, 50.8022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4377, 53.1617, 74.6210**, and the grayscale version is **58.0617, 61.0854, 66.5220**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **29.7590, 30.8681, 23.7917** is the 20% darker color. If you saturate the color by 10%, you get **54.6176, 56.2533, 39.4769**, and if you desaturate by 10%, it is **63.0584, 66.0877, 64.0160**.

Distribution



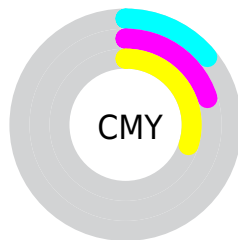
- Red (86%)
- Green (80%)
- Blue (70%)



- Red (80%)
- Yellow (86%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (14%)





- Cyan (14%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6052, 60.9863, 50.8022 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 58.6052, 60.9863, 50.8022 by changing the saturation by 10% instead.


 58.6052, 60.9863,
50.8022

 58.6052, 60.9863,
50.8022


409.3549,
428.2238, 406.6194

 42.5405, 44.2141,
35.6756


 101.9216,
106.2591, 92.7708

 29.7177, 30.8389,
23.8960


129.9040,
135.5285, 120.4499

 19.7714, 20.4762,
15.0450


162.5896,
169.7324, 153.1503

 12.3363, 12.7417,
8.7040

200.3440,
209.2553, 191.2904

 7.0470, 7.2509,
4.4545

243.5323,
254.4814, 235.2888

 3.5381, 3.6195,
1.8778

292.5200,

 1.4443, 1.4631,

305.7953, 285.5641

0.4786

347.6724,
363.5813, 342.5348

■ 0.2875, 0.2625,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6052, 60.9863,
50.8022

■ 58.6052, 60.9863,
50.8022

■ 54.6176, 56.2533,
39.4769

■ 63.0584, 66.0877,
64.0160

■ 51.0723, 51.8701,
29.9482

■ 67.9895, 71.5588,
79.1968

■ 47.9511, 47.8289,
22.1220

■ 73.4165, 77.4117,
96.4232

■ 45.2325, 44.1179,
15.8943

■ 77.6002, 82.9534,
106.5294

■ 42.8928, 40.7245,
11.1493

■ 80.1357, 88.0245,
107.3746

■ 40.9051, 37.6350,
7.7557

■ 82.7908, 93.3346,
108.2596

■ 39.2381, 34.8335,
5.5584

■ 83.0235, 93.8001,
108.3372

■ 37.8447, 32.2979,
4.3199

■ 37.6782, 31.9893,
4.1887

Harmonies

Analogous

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



61.5596, 60.9863, 53.5191



58.6052, 60.9863, 50.8022



55.5807, 60.9863, 51.9542

Triad

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



58.6052, 60.9863, 50.8022



52.6723, 60.9863, 73.5734



62.9268, 60.9863, 77.0101

Complementary

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



58.6052, 60.9863, 50.8022



50.4377, 53.1617, 74.6210

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.



60.4178, 60.9863, 83.3110



58.6052, 60.9863, 50.8022



54.5144, 60.9863, 81.2061

Square

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



58.6052, 60.9863, 50.8022



52.2258, 60.9863, 64.5954



57.3308, 60.9863, 84.9111



64.1114, 60.9863, 68.2454

Rectangle

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



58.6052, 60.9863, 50.8022



53.9224, 60.9863, 54.8178



57.3308, 60.9863, 84.9111



62.2061, 60.9863, 79.5169

Sweetspot

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



58.6068, 60.9890, 50.8035



90.8089, 95.3040, 95.8140



54.9170, 50.8147, 58.1892



19.3413, 20.2921, 20.2166



0.0000, 0.0000, 0.0000



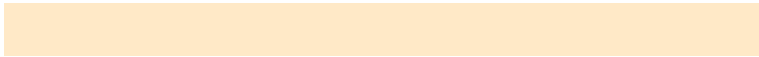
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6068, 60.9890, 50.8035



80.7083, 83.7211, 65.8780



61.3628, 68.3097, 52.0713



13.7136, 14.3666, 13.7758



22.4506, 19.1868, 2.5201



1.5373, 1.4087, 0.1909

Inverse Universe

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



50.4377, 53.1617, 74.6210



67.3767, 70.9486, 104.7511



48.0223, 46.9134, 73.5423



12.7532, 13.4462, 16.5753



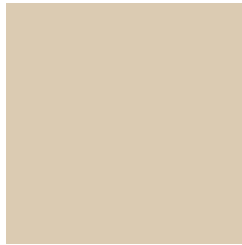
9.6275, 7.1245, 40.6061



0.7060, 0.6261, 2.6581

Previews

White Background



This preview shows how the XYZ color 58.6052, 60.9863, 50.8022 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 58.6052, 60.9863, 50.8022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

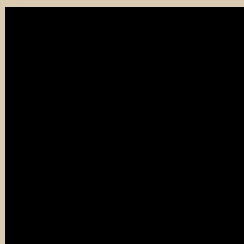
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

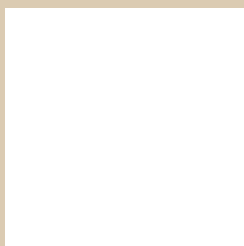
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6052, 60.9863, 50.8022

Background



This preview shows how black text looks on a background with the XYZ color 58.6052, 60.9863, 50.8022.

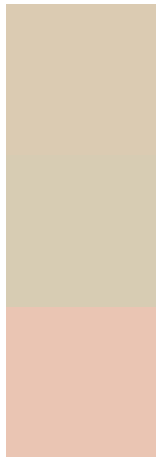


This preview shows how white text looks on a background with the XYZ color 58.6052, 60.9863,

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

58.6052, 60.9863, 50.8022

Protanopia

57.7539, 60.8875, 51.3563

Deuteranopia

62.0346, 60.6796, 51.0906



Tritanopia

62.9448, 61.0396, 71.4151

Trichromacy



Original Color

58.6052, 60.9863, 50.8022

Protanomaly

58.0485, 61.0393, 51.3701

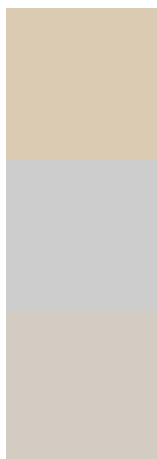
Deuteranomaly

60.8732, 60.7595, 51.1672

Tritanomaly

61.2038, 61.0083, 63.1936

Monochromacy



Original Color

58.6052, 60.9863, 50.8022

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0215, 60.8275, 60.3126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6052, 60.9863, 50.8022 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(219, 203, 178)` looks like.

```
.text, #text, p{  
    color:rgb(219, 203, 178)  
}
```

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(219, 203, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 203, 178) }
```

Border

The CSS property to change the border of an element to XYZ 58.6052, 60.9863, 50.8022 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(219, 203, 178) }
```


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

```
.border{ border-color:rgb(219, 203, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 203, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 203, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 203, 178);  
box-shadow:4px 4px 4px 4px rgb(219, 203,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6052, 60.9863, 50.8022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 203, 178) }
```

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

```
.background{ background-color: rgb(219,  
203, 178) }
```

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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