

Converting Colors

XYZ(58.6750, 60.8782, 60.3444)

Have a look what the booklet for
XYZ(58.6750, 60.8782, 60.3444)
contains.

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Color

**XYZ(58.6468, 60.7981,
60.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CBC3
RGB	213, 203, 195
RGB Percent	84%, 80%, 76%
CMY	0.1647, 0.2039, 0.2353
CMYK	0.00, 0.05, 0.08, 0.16
HSL	27°, 18%, 80%
HSV	27°, 8%, 84%
XYZ	58.6468, 60.7981, 60.2740
YIQ	205.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

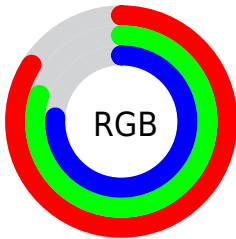
Format	Color
R _Y B	213, 209, 195
Decimal	14011331
CIE Lab	82.27, 2.09, 5.21
CIE LCh	82, 5.617, 68.145
Yxy	60.7981, 0.3263, 0.3383
Android (android.graphics.Color)	4292201411 (0xFFD5CBC3)
YUV	205.0780, -4.9685, 6.9476
Hunter-Lab	77.9731, -2.1958, 8.7494

Details

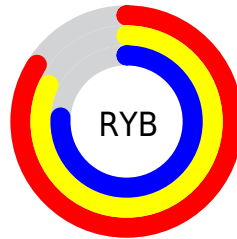
The XYZ color **58.6468, 60.7981, 60.2740** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3471, 60.0678, 71.5758**, and the grayscale version is **58.1061, 61.1322, 66.5729**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.6557, 30.6871, 29.5595** is the 20% darker color. If you saturate the color by 10%, you get **53.7210, 54.5292, 47.5858**, and if you desaturate by 10%, it is **64.1327, 67.6361, 74.8453**.

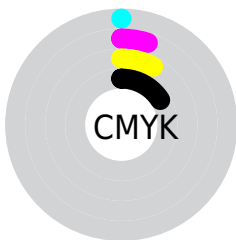
Distribution



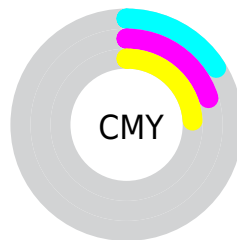
- Red (84%)
- Green (80%)
- Blue (76%)



- Red (84%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6468, 60.7981, 60.2740 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 58.6468, 60.7981, 60.2740 by changing the saturation by 10% instead.

■ 58.6468, 60.7981,
60.2740

■ 58.6468, 60.7981,
60.2740

409.5069,
427.5333, 443.4396

■ 42.5741, 44.0622,
43.2128

101.9817,
105.9865, 106.7743

■ 29.7442, 30.7194,
29.7195

129.9747,
135.2079, 137.0505

■ 19.7916, 20.3853,
19.3755

162.6718,
169.3599, 172.5687

■ 12.3510, 12.6754,
11.7624

200.4384,
208.8270, 213.7475

■ 7.0571, 7.2054,
6.4615

243.6398,
253.9935, 261.0055

■ 3.5445, 3.5909,
3.0544

292.6415,

■ 1.4478, 1.4475,

305.2437, 314.7611

1.1225

347.8087,
362.9622, 375.4330

■ 0.2899, 0.2513,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6468, 60.7981,
60.2740

■ 58.6468, 60.7981,
60.2740

■ 53.7210, 54.5292,
47.5858

■ 64.1327, 67.6361,
74.8453

■ 49.3311, 48.8061,
36.6989

■ 70.1919, 75.0498,
91.3690

■ 45.4584, 43.6156,
27.5315

■ 76.2087, 82.8020,
106.5735

■ 42.0810, 38.9407,
19.9936

■ 79.7761, 89.9368,
107.7626

■ 39.1753, 34.7636,
13.9870

■ 81.2508, 92.8863,
108.2542

■ 36.7156, 31.0652,
9.4029

■ 34.6730, 27.8246,
6.1178

■ 33.0142, 25.0190,
3.9864

■ 31.6917, 22.6192,
2.7904

Harmonies

Analogous

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



59.6137, 60.7981, 62.2148



58.6468, 60.7981, 60.2740



57.4616, 60.7981, 59.8927

Triad

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



58.6468, 60.7981, 60.2740



55.5407, 60.7981, 67.1361



59.2184, 60.7981, 71.5130

Complementary

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



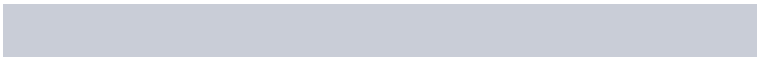
58.6468, 60.7981, 60.2740



56.3471, 60.0678, 71.5758

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.



58.1131, 60.7981, 72.9327



58.6468, 60.7981, 60.2740



55.9975, 60.7981, 70.3494

Square

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



58.6468, 60.7981, 60.2740



55.6792, 60.7981, 63.7780



56.9352, 60.7981, 72.4997



59.9469, 60.7981, 68.6801

Rectangle

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



58.6468, 60.7981, 60.2740



56.7091, 60.7981, 60.5613



56.9352, 60.7981, 72.4997



58.8780, 60.7981, 72.1757

Sweetspot

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



58.6485, 60.8008, 60.2753



92.5022, 96.8363, 102.0950



58.0000, 57.5947, 65.9450



19.6564, 20.5488, 21.4729



0.0000, 0.0000, 0.0000



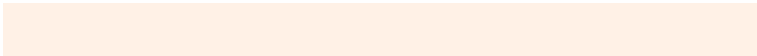
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6485, 60.8008, 60.2753



86.8604, 89.7603, 87.2427



60.7851, 65.0740, 60.9875



12.8732, 13.3207, 13.0534



19.3443, 13.8058, 1.6452



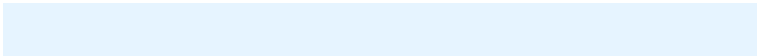
1.2486, 0.9963, 0.1265

Inverse Universe

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



56.3471, 60.0678, 71.5758



82.7717, 88.4581, 107.3193



54.3019, 55.9773, 70.8941



12.3087, 13.1409, 15.8252



11.4178, 11.0974, 39.9934



0.7707, 0.8333, 2.4395

Previews

White Background



This preview shows how the XYZ color 58.6468, 60.7981, 60.2740 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 58.6468, 60.7981, 60.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

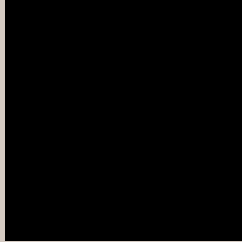
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

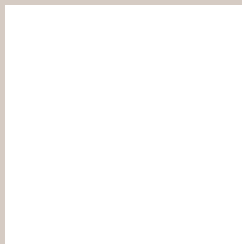
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6468, 60.7981, 60.2740

Background



This preview shows how black text looks on a background with the XYZ color 58.6468, 60.7981, 60.2740.

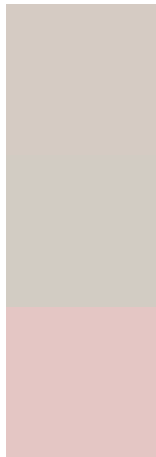


This preview shows how white text looks on a background with the XYZ color 58.6468, 60.7981,

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

58.6468, 60.7981, 60.2740

Protanopia

58.0215, 60.8275, 60.3126

Deuteranopia

62.1528, 60.8677, 60.6974



Tritanopia

61.3678, 60.8654, 73.4795

Trichromacy



Original Color

58.6468, 60.7981, 60.2740

Protanomaly

58.3072, 60.9747, 60.3259

Deuteranomaly

61.0495, 60.9821, 60.7776

Tritanomaly

60.2961, 60.7744, 68.2272

Monochromacy



Original Color

58.6468, 60.7981, 60.2740

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.1479, 60.8127, 63.9316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6468, 60.7981, 60.2740 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, 203, 195) looks like.

```
.text, #text, p{  
    color:rgb(213, 203, 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, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 203, 195) }
```

Border

The CSS property to change the border of an element to XYZ 58.6468, 60.7981, 60.2740 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, 203, 195) }
```


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

```
.border{ border-color:rgb(213, 203, 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, 203, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 203,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6468, 60.7981, 60.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 203, 195) }
```

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

```
.background{ background-color: rgb(213,  
203, 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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