

Converting Colors

XYZ(58.3209, 64.1635, 61.0732)

Have a look what the booklet for
XYZ(58.3209, 64.1635, 61.0732)
contains.

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Color

**XYZ(58.2732, 64.2251,
60.9551)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD5C3
RGB	203, 213, 195
RGB Percent	80%, 84%, 76%
CMY	0.2039, 0.1647, 0.2353
CMYK	0.05, 0.00, 0.08, 0.16
HSL	93°, 18%, 80%
HSV	93°, 8%, 84%
XYZ	58.2732, 64.2251, 60.9551
YIQ	207.9580, -0.1820, -7.7180

Conversions

Conversions Part 2

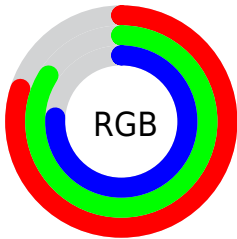
Format	Color
RYB	195, 213, 205
Decimal	13358531
CIELab	84.08, -6.63, 7.72
CIElCh	84, 10.177, 130.640
Yxy	64.2251, 0.3176, 0.3501
Android (android.graphics.Color)	4291548611 (0xFFCBD5C3)
YUV	207.9580, -6.3883, -4.3482
Hunter-Lab	80.1406, -10.4520, 11.0023

Details

The XYZ color **58.2732, 64.2251, 60.9551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7046, 56.8151, 70.9318**, and the grayscale version is **59.9687, 63.0917, 68.7069**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.4290, 32.7664, 29.9728** is the 20% darker color. If you saturate the color by 10%, you get **52.9339, 61.7332, 49.0176**, and if you desaturate by 10%, it is **64.2057, 66.9869, 74.7164**.

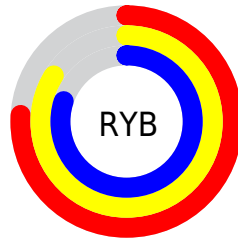
Distribution



Red (80%)

Green (84%)

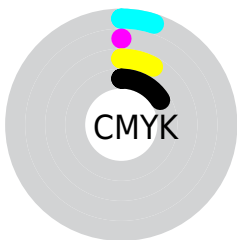
Blue (76%)



Red (76%)

Yellow (84%)

Blue (80%)

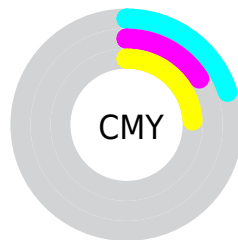


Cyan (5%)

Magenta (0%)

Yellow (8%)

Black (16%)



Cyan (20%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2732, 64.2251, 60.9551 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 58.2732, 64.2251, 60.9551 by changing the saturation by 10% instead.

■ 58.2732, 64.2251,
60.9551

■ 58.2732, 64.2251,
60.9551

408.1406,
440.0021, 446.0114

■ 42.2724, 46.8330,
43.7586

101.4413,
110.9351, 107.7708

■ 29.5067, 32.9037,
30.1450

129.3393,
141.0217, 138.2271

■ 19.6107, 22.0527,
19.6957

161.9338,
176.1087, 173.9405

■ 12.2190, 13.8956,
11.9921

199.5901,
216.5804, 215.3294

■ 6.9663, 8.0481,
6.6159

242.6736,
262.8211, 262.8123

■ 3.4871, 4.1257,
3.1483

291.5496,

■ 1.4163, 1.7441,

315.2154, 316.8080

1.1708

346.5835,
374.1476, 377.7348

■ 0.2678, 0.4520,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2732, 64.2251,
60.9551

■ 58.2732, 64.2251,
60.9551

■ 52.9339, 61.7332,
49.0176

■ 64.2057, 66.9869,
74.7164

■ 48.1627, 59.4942,
38.8232

■ 70.7451, 70.0184,
90.3693

■ 43.9401, 57.5018,
30.2914

■ 77.2762, 73.0762,
104.6400

■ 40.2435, 55.7463,
23.3338

■ 81.3931, 75.1985,
104.8326

■ 37.0485, 54.2173,
17.8536

■ 83.0855, 76.0710,
104.9118

■ 34.3284, 52.9032,
13.7435

■ 32.0535, 51.7914,
10.8816

■ 30.1896, 50.8675,
9.1244

■ 28.6882, 50.1112,
8.2551

Harmonies

Analogous

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



60.2498, 64.2251, 58.4610



58.2732, 64.2251, 60.9551



57.0580, 64.2251, 65.9081

Triad

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



58.2732, 64.2251, 60.9551



59.6230, 64.2251, 82.2653



65.3893, 64.2251, 67.6705

Complementary

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



58.2732, 64.2251, 60.9551



56.7046, 56.8151, 70.9318

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.



65.2115, 64.2251, 74.1128



58.2732, 64.2251, 60.9551



61.8452, 64.2251, 82.8092

Square

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



58.2732, 64.2251, 60.9551



57.8240, 64.2251, 78.3024



63.9013, 64.2251, 79.7457



64.3815, 64.2251, 62.1772

Rectangle

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



58.2732, 64.2251, 60.9551



56.8250, 64.2251, 70.0684



63.9013, 64.2251, 79.7457



65.4668, 64.2251, 69.7922

Sweetspot

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



58.2750, 64.2279, 60.9565



92.2960, 98.7197, 102.4694



59.1007, 61.7035, 60.4257



19.6006, 21.0582, 21.5741



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.



58.2750, 64.2279, 60.9565



86.1907, 95.8762, 88.4585



56.2542, 63.1743, 61.3949



12.7810, 14.1633, 13.2209



17.5085, 30.6023, 4.9840



1.1504, 1.8944, 0.3050

Inverse Universe

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



56.7046, 56.8151, 70.9318



83.4013, 82.7097, 106.1766



58.8543, 57.9365, 70.4376



12.3959, 12.3455, 15.6671



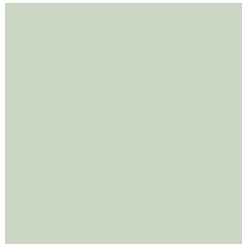
12.0487, 5.3638, 38.8534



0.8213, 0.3723, 2.3479

Previews

White Background



This preview shows how the XYZ color 58.2732, 64.2251, 60.9551 looks on a white background.

Color Contrast Check

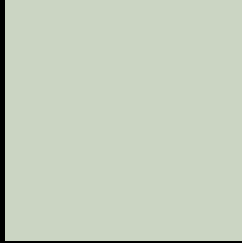
Large Text (above 18pt) WCAG AA × Fail

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 58.2732, 64.2251, 60.9551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

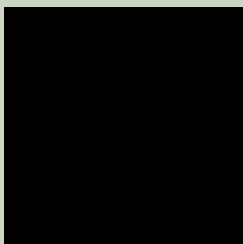
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

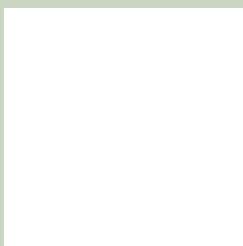
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2732, 64.2251, 60.9551

Background



This preview shows how black text looks on a background with the XYZ color 58.2732, 64.2251, 60.9551.



This preview shows how white text looks on a background with the XYZ color 58.2732, 64.2251,

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

58.2732, 64.2251, 60.9551

Protanopia

61.0414, 64.2029, 59.6272

Deuteranopia

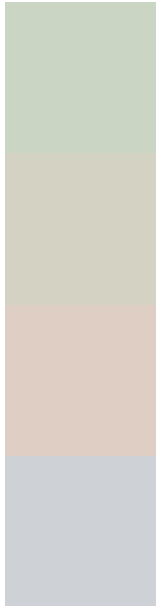
65.1303, 63.7647, 61.6984



Tritanopia

62.4035, 64.4471, 80.3847

Trichromacy



Original Color

58.2732, 64.2251, 60.9551

Protanomaly

59.9356, 63.9853, 60.2304

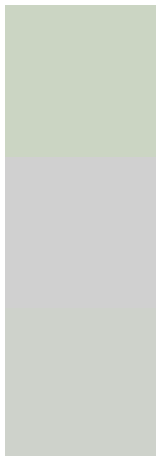
Deuteranomaly

62.4665, 63.8161, 61.2500

Tritanomaly

60.6378, 64.0700, 72.7891

Monochromacy



Original Color

58.2732, 64.2251, 60.9551

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2797, 63.5268, 65.6374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2732, 64.2251, 60.9551 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(203, 213, 195) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 58.2732, 64.2251, 60.9551 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(203, 213, 195) }
```


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

```
.border{ border-color:rgb(203, 213, 195) }
```

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

Here you see how a box with a 4 pixel rgb(203, 213, 195) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 58.2732, 64.2251, 60.9551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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