

# Converting Colors

XYZ(58.8867, 65.1552, 60.6277)

Have a look what the booklet for  
XYZ(58.8867, 65.1552, 60.6277)  
contains.

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# Color

**XYZ(58.9399, 65.3333,  
60.5431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCD7C2
RGB	204, 215, 194
RGB Percent	80%, 84%, 76%
CMY	0.2000, 0.1568, 0.2392
CMYK	0.05, 0.00, 0.10, 0.16
HSL	91°, 21%, 80%
HSV	91°, 10%, 84%
XYZ	58.9399, 65.3333, 60.5431
YIQ	209.3170, 0.1850, -8.8630

# Conversions

## Conversions Part 2

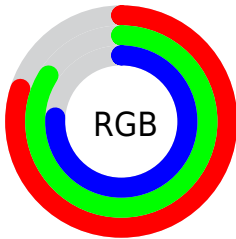
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 215, 205
Decimal	13424578
CIELab	84.66, -7.48, 9.08
CIElCh	85, 11.767, 129.482
Yxy	65.3333, 0.3189, 0.3535
Android (android.graphics.Color)	4291614658 (0xFFCCD7C2)
YUV	209.3170, -7.5513, -4.6630
Hunter-Lab	80.8290, -11.2899, 12.1705

# Details

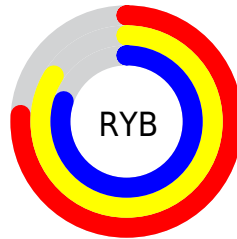
The XYZ color **58.9399, 65.3333, 60.5431** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7370, 56.4708, 72.2030**, and the grayscale version is **60.8606, 64.0300, 69.7287**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **29.8821, 33.5191, 29.7058** is the 20% darker color. If you saturate the color by 10%, you get **53.7216, 62.9042, 48.5929**, and if you desaturate by 10%, it is **64.7345, 68.0229, 74.3467**.

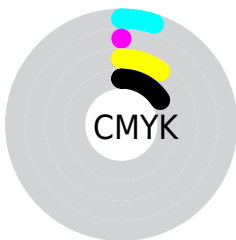
# Distribution



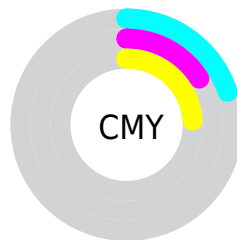
- Red (80%)
- Green (84%)
- Blue (76%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9399, 65.3333, 60.5431 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 58.9399, 65.3333, 60.5431 by changing the saturation by 10% instead.



■ 58.9399, 65.3333,  
60.5431

■ 58.9399, 65.3333,  
60.5431

410.5768,  
443.9887, 444.4568

■ 42.8109, 47.7314,  
43.4284

■ 102.4054,  
112.5289, 107.1682

■ 29.9307, 33.6142,  
29.8875

130.4727,  
142.8914, 137.5156

■ 19.9338, 22.5974,  
19.5019

163.2501,  
178.2762, 173.1110

■ 12.4549, 14.2965,  
11.8530

201.1030,  
219.0677, 214.3730

■ 7.1287, 8.3272,  
6.5223

244.3968,  
265.6503, 261.7200

■ 3.5897, 4.3050,  
3.0913

293.4968,

■ 1.4728, 1.8456,

318.4084, 315.5706

1.1415

348.7683,  
377.7264, 376.3434

■ 0.3072, 0.5154,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 58.9399, 65.3333,  
60.5431

■ 58.9399, 65.3333,  
60.5431

■ 53.7216, 62.9042,  
48.5929

■ 64.7345, 68.0229,  
74.3467

■ 49.0547, 60.7188,  
38.4129

■ 71.1187, 70.9726,  
90.0736

■ 44.9201, 58.7710,  
29.9200

■ 77.5426, 73.9650,  
104.7975

■ 41.2954, 57.0513,  
23.0228

■ 81.4396, 75.9740,  
104.9799

■ 38.1564, 55.5495,  
17.6210

■ 83.5917, 77.0835,  
105.0806

■ 35.4767, 54.2542,  
13.6031

■ 33.2264, 53.1529,  
10.8420

■ 31.3711, 52.2312,  
9.1871

■ 29.8547, 51.4658,  
8.3747

# Harmonies

## Analogous

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



61.2687, 65.3333, 57.7981



58.9399, 65.3333, 60.5431



57.4846, 65.3333, 66.1849

# Triad

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



58.9399, 65.3333, 60.5431



60.3433, 65.3333, 85.5674



67.2152, 65.3333, 68.7796

# Complementary

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



58.9399, 65.3333, 60.5431



56.7370, 56.4708, 72.2030

# 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.



66.9504, 65.3333, 76.3299



58.9399, 65.3333, 60.5431



62.9334, 65.3333, 86.3846

# Square

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



58.9399, 65.3333, 60.5431



58.2789, 65.3333, 80.7396



65.3656, 65.3333, 82.8995



66.0791, 65.3333, 62.3274



# Rectangle

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



58.9399, 65.3333, 60.5431



57.1809, 65.3333, 71.0062



65.3656, 65.3333, 82.8995



67.2878, 65.3333, 71.2677

# Sweetspot

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



58.9417, 65.3361, 60.5445



92.3834, 98.7648, 102.4735



59.5599, 61.9355, 59.8556



19.6242, 21.0703, 21.5752



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.



58.9417, 65.3361, 60.5445



84.8548, 95.2687, 84.7222



56.3275, 63.9839, 60.6277



12.8192, 14.1830, 13.2227



17.9571, 30.8336, 5.0050



1.1783, 1.9088, 0.3063



# Inverse Universe

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



56.7370, 56.4708, 72.2030



80.8952, 79.3475, 105.6597



59.5394, 57.9208, 72.0996



12.3573, 12.3256, 15.6653



11.5054, 5.0837, 38.8280



0.7893, 0.3558, 2.3464



# Previews

## White Background



This preview shows how the XYZ color 58.9399, 65.3333, 60.5431 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

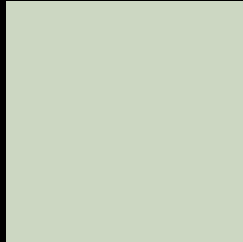
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.9399, 65.3333, 60.5431 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

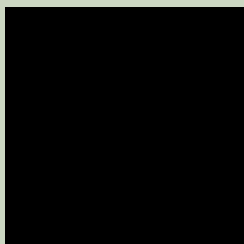
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

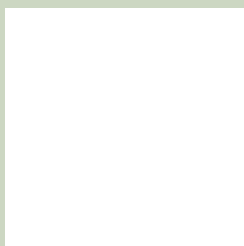
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 58.9399, 65.3333, 60.5431

## Background



This preview shows how black text looks on a background with the XYZ color 58.9399, 65.3333, 60.5431.



This preview shows how white text looks on a background with the XYZ color 58.9399, 65.3333,



# 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

58.9399, 65.3333, 60.5431

### Protanopia

61.7744, 64.9590, 59.1517

### Deuteranopia

66.4817, 65.1758, 61.3008



## Tritanopia

63.2062, 65.1945, 81.9255

# Trichromacy



## Original Color

58.9399, 65.3333, 60.5431

## Protanomaly

60.9007, 65.2334, 59.8336

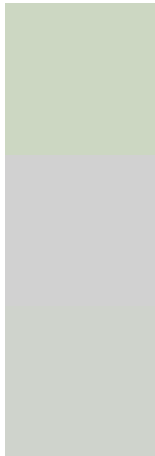
## Deuteranomaly

63.4575, 65.0594, 60.8429

## Tritanomaly

61.5414, 65.2587, 73.6426

# Monochromacy



## Original Color

58.9399, 65.3333, 60.5431

## Achromatopsia

60.6036, 63.7597, 69.4343

## Achromatomaly

59.9255, 64.2136, 66.3628

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.9399, 65.3333, 60.5431 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(204, 215, 194)` looks like.

```
.text, #text, p{  
    color:rgb(204, 215, 194)  
}
```

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(204, 215, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 215, 194) }
```

## Border

The CSS property to change the border of an element to XYZ 58.9399, 65.3333, 60.5431 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(204, 215, 194) }
```



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

```
.border{ border-color:rgb(204, 215, 194) }
```

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

Here you see how a box with a 4 pixel rgb(204, 215, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 215, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 215, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 215,  
194) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.9399, 65.3333, 60.5431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 215, 194) }
```

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

```
.background{ background-color: rgb(204,  
215, 194) }
```

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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