

Converting Colors

XYZ(58.6716, 61.6613, 65.1689)

Have a look what the booklet for
XYZ(58.6716, 61.6613, 65.1689)
contains.

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Color

**XYZ(58.8632, 61.8643,
65.3385)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CECB
RGB	208, 206, 203
RGB Percent	82%, 81%, 80%
CMY	0.1843, 0.1921, 0.2039
CMYK	0.00, 0.01, 0.02, 0.18
HSL	36°, 5%, 81%
HSV	36°, 2%, 82%
XYZ	58.8632, 61.8643, 65.3385
YIQ	206.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

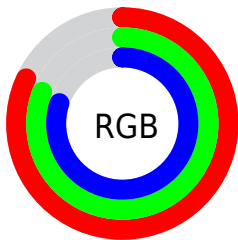
Format	Color
R _Y B	206, 208, 203
Decimal	13684427
CIE Lab	82.84, 0.15, 1.72
CIE LCh	83, 1.729, 84.949
Yxy	61.8643, 0.3164, 0.3325
Android (android.graphics.Color)	4291874507 (0xFFD0CECB)
YUV	206.2560, -1.6052, 1.5295
Hunter-Lab	78.6539, -4.0579, 5.8049

Details

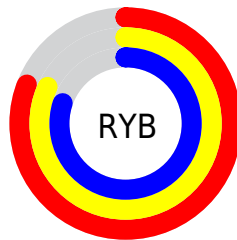
The XYZ color **58.8632, 61.8643, 65.3385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8451, 60.9123, 68.3838**, and the grayscale version is **58.8406, 61.9049, 67.4145**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9795, 31.4964, 32.9331** is the 20% darker color. If you saturate the color by 10%, you get **54.6028, 57.0472, 52.4985**, and if you desaturate by 10%, it is **63.5654, 67.0311, 79.9681**.

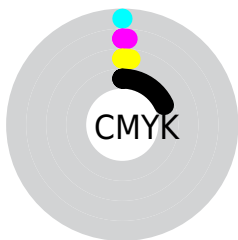
Distribution



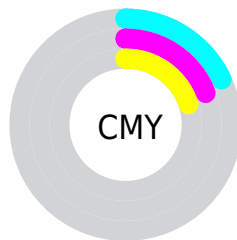
- Red (82%)
- Green (81%)
- Blue (80%)



- Red (81%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8632, 61.8643, 65.3385 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 58.8632, 61.8643, 65.3385 by changing the saturation by 10% instead.

■ 58.8632, 61.8643,
65.3385

■ 58.8632, 61.8643,
65.3385

410.2970,
431.4359, 462.3469

■ 42.7490, 44.9231,
47.2825

102.2946,
107.5294, 114.1543

■ 29.8819, 31.3968,
32.9031

130.3424,
137.0220, 145.7512

■ 19.8966, 20.9012,
21.7817

163.0988,
171.4672, 182.6989

■ 12.4277, 13.0518,
13.4998

200.9292,
211.2494, 225.4158

■ 7.1099, 7.4642,
7.6389

244.1988,
256.7530, 274.3205

■ 3.5779, 3.7541,
3.7803

293.2731,

■ 1.4662, 1.5370,

308.3624, 329.8315

1.5056

348.5174,
366.4619, 392.3675

■ 0.3027, 0.3145,
0.2221

■ 0.0000, 0.0000,
0.0000

■ 58.8632, 61.8643,
65.3385

■ 58.8632, 61.8643,
65.3385

■ 54.6028, 57.0472,
52.4985

■ 63.5654, 67.0311,
79.9681

■ 50.7641, 52.5633,
41.3742

■ 68.7181, 72.5476,
96.4490

■ 47.3333, 48.4063,
31.8926

■ 72.6158, 77.7362,
105.7851

■ 44.2936, 44.5669,
23.9738

■ 74.9946, 82.4937,
106.5780

■ 41.6269, 41.0350,
17.5312

■ 77.4850, 87.4746,
107.4081

■ 39.3135, 37.7998,
12.4696

■ 79.8228, 92.1501,
108.1874

■ 37.3314, 34.8497,
8.6826

■ 35.6557, 32.1717,
6.0481

■ 34.2567, 29.7507,
4.4194

Harmonies

Analogous

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



59.2122, 61.8643, 65.6956



58.8632, 61.8643, 65.3385



58.4988, 61.8643, 65.5183

Triad

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



58.8632, 61.8643, 65.3385



58.1536, 61.8643, 68.2280



59.3880, 61.8643, 68.5438

Complementary

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



58.8632, 61.8643, 65.3385



57.8451, 60.9123, 68.3838

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.



59.1026, 61.8643, 69.2353



58.8632, 61.8643, 65.3385



58.3901, 61.8643, 69.0517

Square

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



58.8632, 61.8643, 65.3385



58.0901, 61.8643, 67.1794



58.7372, 61.8643, 69.4222



59.5160, 61.8643, 67.5403

Rectangle

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



58.8632, 61.8643, 65.3385



58.2960, 61.8643, 65.9194



58.7372, 61.8643, 69.4222



59.3072, 61.8643, 68.8208

Sweetspot

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



58.8649, 61.8670, 65.3398



94.3182, 99.1890, 106.6441



58.3886, 60.5305, 66.3646



20.1957, 21.2391, 22.8500



0.0000, 0.0000, 0.0000



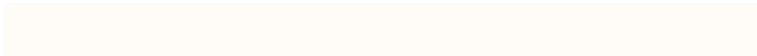
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8649, 61.8670, 65.3398



92.8759, 97.5838, 102.2196



59.2082, 62.7619, 65.4945



12.9294, 13.5800, 14.0899



20.8764, 17.6858, 2.3134



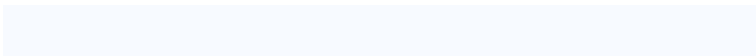
1.2438, 1.1418, 0.1548

Inverse Universe

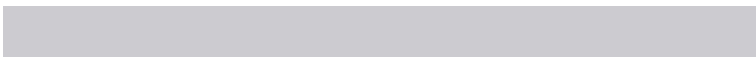
The Inverse Universe completely reimagines the original color for something new.



57.8451, 60.9123, 68.3838



90.8427, 95.6806, 108.2880



57.5070, 60.0337, 68.2320



12.5781, 13.2512, 15.1385



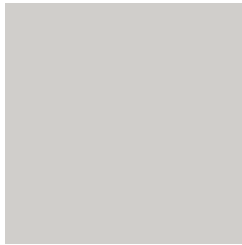
9.1146, 6.8758, 38.0393



0.5864, 0.5379, 2.1525

Previews

White Background



This preview shows how the XYZ color 58.8632, 61.8643, 65.3385 looks on a white background.

Color Contrast Check

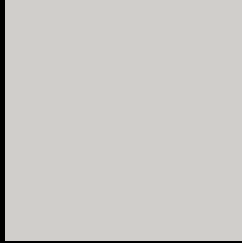
Large Text (above 18pt) WCAG AA × Fail

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 58.8632, 61.8643, 65.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

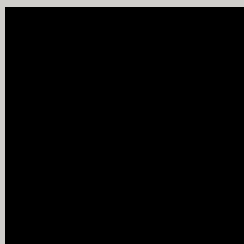
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

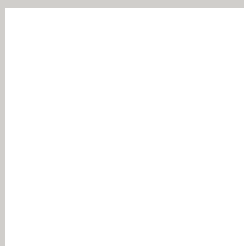
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8632, 61.8643, 65.3385

Background



This preview shows how black text looks on a background with the XYZ color 58.8632, 61.8643, 65.3385.

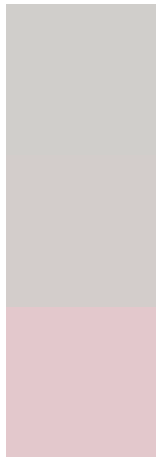


This preview shows how white text looks on a background with the XYZ color 58.8632, 61.8643,

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

58.8632, 61.8643, 65.3385

Protanopia

59.4748, 61.8233, 65.2984

Deuteranopia

63.2319, 61.9991, 65.7611



Tritanopia

60.8525, 61.5808, 76.3892

Trichromacy



Original Color

58.8632, 61.8643, 65.3385

Protanomaly

59.1892, 61.6761, 65.2850

Deuteranomaly

61.5348, 61.8163, 65.8153

Tritanomaly

60.0250, 61.5961, 72.3439

Monochromacy



Original Color

58.8632, 61.8643, 65.3385

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.8229, 61.8158, 66.5889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8632, 61.8643, 65.3385 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(208, 206, 203) looks like.

```
.text, #text, p{  
    color:rgb(208, 206, 203)  
}
```

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(208, 206, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 206, 203) }
```

Border

The CSS property to change the border of an element to XYZ 58.8632, 61.8643, 65.3385 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(208, 206, 203) }
```


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

```
.border{ border-color:rgb(208, 206, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 206, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 206, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 206, 203);  
box-shadow:4px 4px 4px 4px rgb(208, 206,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8632, 61.8643, 65.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 206, 203) }
```

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

```
.background{ background-color: rgb(208,  
206, 203) }
```

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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