

Converting Colors

XYZ(57.3780, 60.9462, 66.0709)

Have a look what the booklet for
XYZ(57.3780, 60.9462, 66.0709)
contains.

XYZ(57.3275, 61.0588, 65.8908)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.3275, 61.0588,
65.8908)**

Conversions

Conversions Part 1

Format	Color
Hex	CACECC
RGB	202, 206, 204
RGB Percent	79%, 81%, 80%
CMY	0.2078, 0.1921, 0.2000
CMYK	0.02, 0.00, 0.01, 0.19
HSL	150°, 4%, 80%
HSV	150°, 2%, 81%
XYZ	57.3275, 61.0588, 65.8908
YIQ	204.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

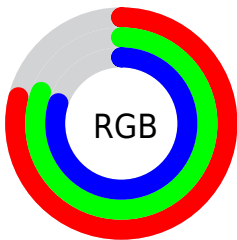
Format	Color
R _Y B	202, 205, 206
Decimal	13291212
CIE Lab	82.41, -1.73, 0.50
CIE LCh	82, 1.802, 163.724
Yxy	61.0588, 0.3111, 0.3313
Android (android.graphics.Color)	4291481292 (0xFFCACECC)
YUV	204.5760, -0.2840, -2.2592
Hunter-Lab	78.1401, -5.7887, 4.7025

Details

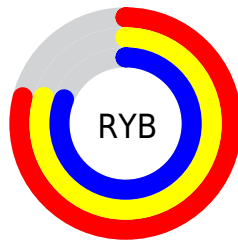
The XYZ color **57.3275, 61.0588, 65.8908** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4755, 59.7241, 65.6283**, and the grayscale version is **57.7631, 60.7713, 66.1799**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.9460, 30.9544, 33.3033** is the 20% darker color. If you saturate the color by 10%, you get **50.9258, 57.8985, 59.3497**, and if you desaturate by 10%, it is **64.5586, 64.6407, 72.9005**.

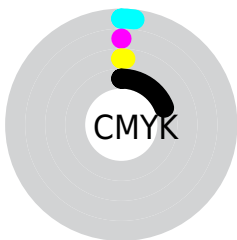
Distribution



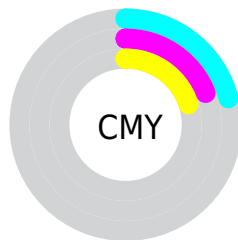
- Red (79%)
- Green (81%)
- Blue (80%)



- Red (79%)
- Yellow (80%)
- Blue (81%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3275, 61.0588, 65.8908 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 57.3275, 61.0588, 65.8908 by changing the saturation by 10% instead.

■ 57.3275, 61.0588,
65.8908

■ 57.3275, 61.0588,
65.8908

404.6697,
428.4896, 464.3798

■ 41.5094, 44.2726,
47.7278

100.0715,
106.3641, 114.9551

■ 28.9068, 30.8849,
33.2529

127.7281,
135.6520, 146.6935

■ 19.1542, 20.5112,
22.0476

160.0616,
169.8759, 183.7942

■ 11.8864, 12.7672,
13.6932

197.4373,
209.4202, 226.6756

■ 6.7380, 7.2684,
7.7713

240.2207,
254.6693, 275.7563

■ 3.3437, 3.6305,
3.8633

288.7769,

■ 1.3380, 1.4691,

306.0077, 331.4549

1.5506

343.4715,
363.8196, 394.1899

■ 0.2114, 0.2668,
0.2552

■ 0.0000, 0.0000,
0.0000

■ 57.3275, 61.0588,
65.8908

■ 57.3275, 61.0588,
65.8908

■ 50.9258, 57.8985,
59.3497

■ 64.5586, 64.6407,
72.9005

■ 45.3175, 55.1362,
53.2636

■ 72.6431, 68.6511,
80.3840

■ 40.4716, 52.7579,
47.6238

■ 78.2974, 71.3989,
88.1969

■ 36.3528, 50.7455,
42.4199

■ 79.8300, 72.0120,
96.2673

■ 32.9231, 49.0796,
37.6411

■ 81.3625, 72.6250,
104.3375

■ 30.1409, 47.7390,
33.2762

■ 27.9597, 46.7001,
29.3133

■ 26.3265, 45.9355,
25.7398

■ 25.1781, 45.4131,
22.5423

Harmonies

Analogous

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



57.5249, 61.0588, 64.9637



57.3275, 61.0588, 65.8908



57.3190, 61.0588, 66.9865

Triad

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



57.3275, 61.0588, 65.8908



58.2102, 61.0588, 68.5616



58.5707, 61.0588, 65.0293

Complementary

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



57.3275, 61.0588, 65.8908



57.4755, 59.7241, 65.6283

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.



58.7560, 61.0588, 65.9814



57.3275, 61.0588, 65.8908



58.5473, 61.0588, 68.0251

Square

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



57.3275, 61.0588, 65.8908



57.8275, 61.0588, 68.5367



58.7474, 61.0588, 67.0780



58.2421, 61.0588, 64.4701

Rectangle

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



57.3275, 61.0588, 65.8908



57.4216, 61.0588, 67.6656



58.7474, 61.0588, 67.0780



58.6519, 61.0588, 65.3136

Sweetspot

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



57.3292, 61.0614, 65.8921



93.9133, 99.4376, 107.7780



57.6543, 61.2565, 64.6629



20.1133, 21.2897, 23.0808



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.



57.3292, 61.0614, 65.8921



92.7903, 98.8822, 106.6637



57.5630, 61.1549, 67.1233



12.3504, 13.1490, 14.1936



15.1447, 27.8032, 12.7131



0.8196, 1.4497, 0.8576

Inverse Universe

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



57.4755, 59.7241, 65.6283



93.0370, 96.6261, 106.2186



57.2445, 59.6317, 64.4123



12.3808, 12.8707, 14.1387



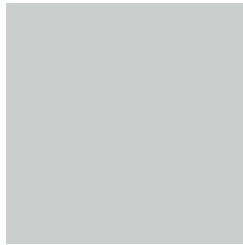
17.2326, 8.7036, 8.9436



0.9273, 0.4643, 0.6632

Previews

White Background



This preview shows how the XYZ color 57.3275, 61.0588, 65.8908 looks on a white background.

Color Contrast Check

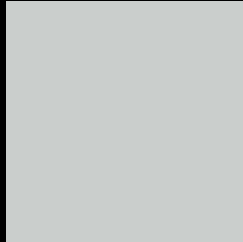
Large Text (above 18pt) WCAG AA × Fail

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 57.3275, 61.0588, 65.8908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

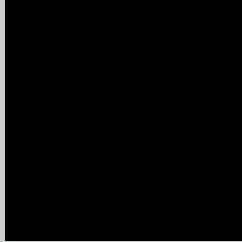
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

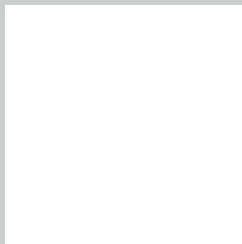
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3275, 61.0588, 65.8908

Background



This preview shows how black text looks on a background with the XYZ color 57.3275, 61.0588, 65.8908.



This preview shows how white text looks on a background with the XYZ color 57.3275, 61.0588,

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

57.3275, 61.0588, 65.8908

Protanopia

58.6669, 61.0528, 65.1922

Deuteranopia

62.0751, 60.6917, 66.8355



Tritanopia

59.4130, 61.1904, 76.3897

Trichromacy



Original Color

57.3275, 61.0588, 65.8908

Protanomaly

58.0644, 61.0963, 65.2323

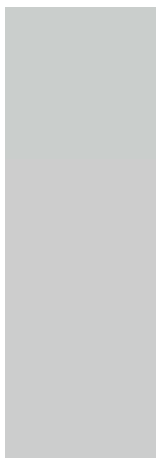
Deuteranomaly

60.2250, 60.7800, 66.3151

Tritanomaly

58.5975, 61.2142, 72.3454

Monochromacy



Original Color

57.3275, 61.0588, 65.8908

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.7526, 60.9078, 66.4701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3275, 61.0588, 65.8908 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(202, 206, 204) looks like.

```
.text, #text, p{  
    color:rgb(202, 206, 204)  
}
```

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(202, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 206, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.3275, 61.0588, 65.8908 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(202, 206, 204) }
```


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

```
.border{ border-color:rgb(202, 206, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 206, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(202, 206,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3275, 61.0588, 65.8908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 206, 204) }
```

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

```
.background{ background-color: rgb(202,  
206, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor