

Converting Colors

XYZ(58.5776, 61.9130, 67.3325)

Have a look what the booklet for
XYZ(58.5776, 61.9130, 67.3325)
contains.

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Color

**XYZ(58.6302, 62.0610,
67.2813)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCFCE
RGB	205, 207, 206
RGB Percent	80%, 81%, 81%
CMY	0.1961, 0.1882, 0.1922
CMYK	0.01, 0.00, 0.00, 0.19
HSL	150°, 2%, 81%
HSV	150°, 1%, 81%
XYZ	58.6302, 62.0610, 67.2813
YIQ	206.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

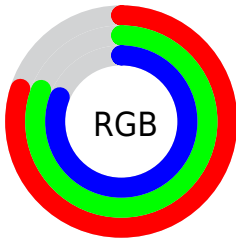
Format	Color
RYB	205, 206, 207
Decimal	13488078
CIELab	82.95, -0.86, 0.25
CIElCh	83, 0.897, 164.036
Yxy	62.0610, 0.3119, 0.3302
Android (android.graphics.Color)	4291678158 (0xFFCDCFCE)
YUV	206.2880, -0.1420, -1.1296
Hunter-Lab	78.7788, -5.0164, 4.5083

Details

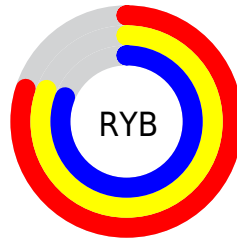
The XYZ color **58.6302, 62.0610, 67.2813** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7063, 61.3858, 67.1501**, and the grayscale version is **58.8534, 61.9184, 67.4291**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.8212, 31.6288, 34.2390** is the 20% darker color. If you saturate the color by 10%, you get **52.0754, 58.8244, 60.6156**, and if you desaturate by 10%, it is **66.0271, 65.7256, 74.4227**.

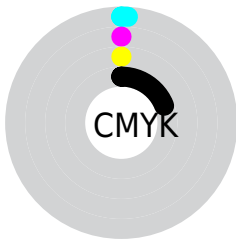
Distribution



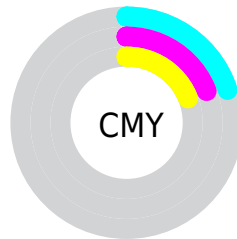
- Red (80%)
- Green (81%)
- Blue (81%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6302, 62.0610, 67.2813 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 58.6302, 62.0610, 67.2813 by changing the saturation by 10% instead.

■ 58.6302, 62.0610,
67.2813

■ 58.6302, 62.0610,
67.2813

409.4462,
432.1536, 469.4741

■ 42.5607, 45.0820,
48.8502

101.9577,
107.8137, 116.9679

■ 29.7336, 31.5220,
34.1359

129.9465,
137.3562, 149.0604

■ 19.7836, 20.9967,
22.7198

162.6390,
171.8552, 186.5439

■ 12.3452, 13.1216,
14.1834

200.4007,
211.6953, 229.8369

■ 7.0531, 7.5123,
8.1081

243.5969,
257.2608, 279.3579

■ 3.5419, 3.7845,
4.0755

292.5930,

■ 1.4464, 1.5538,

308.9361, 335.5254

1.6668

347.7543,
367.1055, 398.7579

■ 0.2889, 0.3261,
0.3379

■ 0.0000, 0.0000,
0.0000

■ 58.6302, 62.0610,
67.2813

■ 58.6302, 62.0610,
67.2813

■ 52.0754, 58.8244,
60.6156

■ 66.0271, 65.7256,
74.4227

■ 46.3265, 55.9921,
54.4119

■ 74.2902, 69.8253,
82.0453

■ 41.3522, 53.5499,
48.6613

■ 78.8555, 72.0086,
89.9444

■ 37.1171, 51.4797,
43.3534

■ 80.4157, 72.6327,
98.1603

■ 33.5831, 49.7621,
38.4774

■ 81.6040, 73.1080,
104.4180

■ 30.7084, 48.3758,
34.0218

■ 28.4465, 47.2970,
29.9747

■ 26.7446, 46.4987,
26.3233

■ 25.5399, 45.9487,
23.0542

Harmonies

Analogous

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



58.7289, 62.0610, 66.8109



58.6302, 62.0610, 67.2813



58.6270, 62.0610, 67.8326

Triad

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



58.6302, 62.0610, 67.2813



59.0774, 62.0610, 68.6127



59.2549, 62.0610, 66.8360

Complementary

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



58.6302, 62.0610, 67.2813



58.7063, 61.3858, 67.1501

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.



59.3487, 62.0610, 67.3158



58.6302, 62.0610, 67.2813



59.2461, 62.0610, 68.3427

Square

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



58.6302, 62.0610, 67.2813



58.8849, 62.0610, 68.6033



59.3455, 62.0610, 67.8673



59.0895, 62.0610, 66.5548

Rectangle

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



58.6302, 62.0610, 67.2813



58.6794, 62.0610, 68.1719



59.3455, 62.0610, 67.8673



59.2959, 62.0610, 66.9793

Sweetspot

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



58.6320, 62.0637, 67.2827

95.0500, 100.0000, 108.9000



58.7974, 62.1629, 66.6581



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



58.6320, 62.0637, 67.2827



93.9131, 99.4376, 107.7770



58.7502, 62.1110, 67.9054



13.1575, 13.9252, 15.0981



15.6585, 28.7563, 13.1139



0.9156, 1.6239, 0.9442

Inverse Universe

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



58.7063, 61.3858, 67.1501



94.0376, 98.3021, 107.5549



58.5888, 61.3388, 66.5312



13.1737, 13.7773, 15.0692



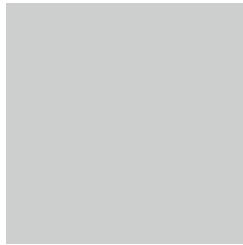
17.8242, 9.0025, 9.2463



1.0367, 0.5194, 0.7279

Previews

White Background



This preview shows how the XYZ color 58.6302, 62.0610, 67.2813 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 58.6302, 62.0610, 67.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

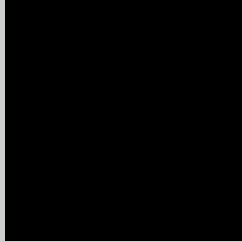
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

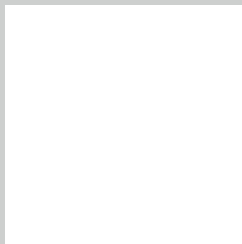
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6302, 62.0610, 67.2813

Background



This preview shows how black text looks on a background with the XYZ color 58.6302, 62.0610, 67.2813.



This preview shows how white text looks on a background with the XYZ color 58.6302, 62.0610, 67.2813.

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

58.6302, 62.0610, 67.2813

Protanopia

59.4291, 61.7721, 66.5486

Deuteranopia

63.2808, 61.9823, 67.6600



Tritanopia

60.6146, 62.1485, 77.2077

Trichromacy



Original Color

58.6302, 62.0610, 67.2813

Protanomaly

59.1032, 61.9603, 66.6021

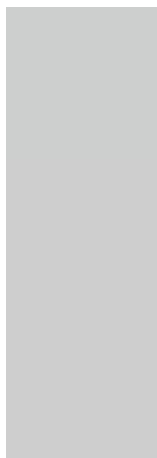
Deuteranomaly

61.5319, 62.1223, 67.7792

Tritanomaly

59.9196, 62.2223, 73.8177

Monochromacy



Original Color

58.6302, 62.0610, 67.2813

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.6655, 61.7207, 67.2138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6302, 62.0610, 67.2813 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(205, 207, 206) looks like.

```
.text, #text, p{  
    color:rgb(205, 207, 206)  
}
```

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(205, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 207, 206) }
```

Border

The CSS property to change the border of an element to XYZ 58.6302, 62.0610, 67.2813 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(205, 207, 206) }
```

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

```
.border{ border-color:rgb(205, 207, 206) }
```

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

Here you see how a box with a 4 pixel rgb(205, 207, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 207, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 207, 206);  
box-shadow:4px 4px 4px 4px rgb(205, 207,  
206) }
```


Background

The CSS property to change the background color of an element to XYZ 58.6302, 62.0610, 67.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 207, 206) }
```

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

```
.background{ background-color: rgb(205,  
207, 206) }
```

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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