

Converting Colors

XYZ(52.8720, 57.7709, 67.1022)

Have a look what the booklet for
XYZ(52.8720, 57.7709, 67.1022)
contains.

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Color

**XYZ(52.8681, 57.6560,
67.3738)**

Conversions

Conversions Part 1

Format	Color
Hex	BACBCF
RGB	186, 203, 207
RGB Percent	73%, 80%, 81%
CMY	0.2706, 0.2039, 0.1882
CMYK	0.10, 0.02, 0.00, 0.19
HSL	191°, 18%, 77%
HSV	191°, 10%, 81%
XYZ	52.8681, 57.6560, 67.3738
YIQ	198.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

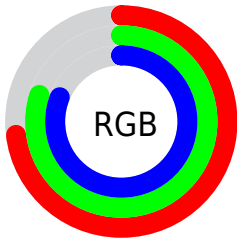
Format	Color
R_{YB}	186, 195, 207
Decimal	12241871
CIE _{Lab}	80.55, -4.95, -3.97
CIE _{LCh}	81, 6.343, 218.712
Yxy	57.6560, 0.2972, 0.3241
Android (android.graphics.Color)	4290431951 (0xFFBACBCF)
YUV	198.3730, 4.2531, -10.8511
Hunter-Lab	75.9315, -8.5978, 0.5443

Details

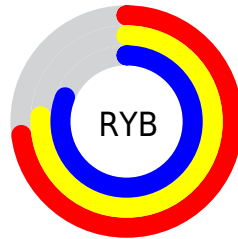
The XYZ color **52.8681, 57.6560, 67.3738** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0087, 53.6371, 54.0144**, and the grayscale version is **53.8847, 56.6909, 61.7364**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **26.1701, 28.7813, 34.3130** is the 20% darker color. If you saturate the color by 10%, you get **47.2808, 53.4135, 66.8503**, and if you desaturate by 10%, it is **59.2109, 62.3262, 67.9418**.

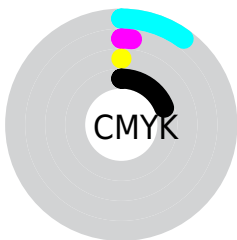
Distribution



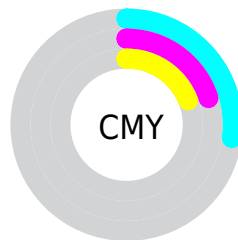
- Red (73%)
- Green (80%)
- Blue (81%)



- Red (73%)
- Yellow (76%)
- Blue (81%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (27%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8681, 57.6560, 67.3738 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 52.8681, 57.6560, 67.3738 by changing the saturation by 10% instead.

■ 52.8681, 57.6560,
67.3738

■ 52.8681, 57.6560,
67.3738

388.0480,
415.9029, 469.8118

■ 37.9245, 41.5322,
48.9250

■ 93.5769, 101.4217,
117.1016

■ 26.1011, 28.7351,
34.1948

120.0729,
129.8324, 149.2176

■ 17.0323, 18.8805,
22.7647

151.1504,
163.1075, 186.7265

■ 10.3530, 11.5840,
14.2162

187.1747,
201.6314, 230.0467

■ 5.6977, 6.4611,
8.1307

228.5113,
245.7885, 279.5968

■ 2.7010, 3.1274,
4.0897

275.5255,

■ 0.9977, 1.1986,

295.9632, 335.7953

1.6747

328.5826,
352.5399, 399.0608

■ 0.0000, 0.0606,
0.3433

■ 0.0000, 0.0000,
0.0000

■ 52.8681, 57.6560,
67.3738

■ 52.8681, 57.6560,
67.3738

■ 47.2808, 53.4135,
66.8503

■ 59.2109, 62.3262,
67.9418

■ 42.4127, 49.5749,
66.3660

■ 66.3336, 67.4324,
68.5520

■ 38.2318, 46.1253,
65.9205

■ 74.2659, 72.9914,
69.2070

■ 34.7017, 43.0454,
65.5121

■ 77.7726, 76.3049,
69.6617

■ 31.7827, 40.3147,
65.1388

■ 78.8112, 78.3821,
70.0079

■ 29.4303, 37.9098,
64.7986

■ 79.8743, 80.5083,
70.3623

■ 27.5942, 35.8046,
64.4890

■ 80.9620, 82.6838,
70.7248

■ 26.2143, 33.9679,
64.2073

■ 82.0746, 84.9089,
71.0957

■ 25.1922, 32.3642,
63.9516

■ 83.2121, 87.1839,
71.4749

Harmonies

Analogous

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



52.3604, 57.6560, 63.8709



52.8681, 57.6560, 67.3738



53.8955, 57.6560, 69.7049

Triad

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



52.8681, 57.6560, 67.3738



57.1686, 57.6560, 65.4194



54.4216, 57.6560, 55.9475

Complementary

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



52.8681, 57.6560, 67.3738



53.0087, 53.6371, 54.0144

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.



55.7151, 57.6560, 56.3251



52.8681, 57.6560, 67.3738



57.3148, 57.6560, 61.6968

Square

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



52.8681, 57.6560, 67.3738



56.3825, 57.6560, 68.5458



56.7790, 57.6560, 58.3953



53.2480, 57.6560, 57.3424

Rectangle

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



52.8681, 57.6560, 67.3738



54.7440, 57.6560, 70.2293



56.7790, 57.6560, 58.3953



54.8566, 57.6560, 55.8725

Sweetspot

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



52.8698, 57.6584, 67.3751



91.8286, 97.6524, 108.6167



51.8413, 58.7769, 57.2429



19.4750, 20.7697, 23.2325



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.



52.8698, 57.6584, 67.3751



82.8447, 90.9915, 107.8045



50.5057, 52.9304, 66.5871



11.9592, 13.0086, 15.1243



15.9378, 20.5223, 40.3137



0.9416, 1.2483, 2.2709

Inverse Universe

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



54.0718, 52.6961, 63.8243



85.1296, 81.6371, 101.0373



55.3314, 58.2824, 54.7886



12.2103, 11.9689, 14.3832



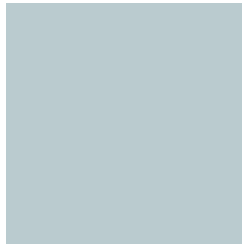
20.6754, 10.1430, 24.2606



1.1815, 0.5773, 1.4906

Previews

White Background



This preview shows how the XYZ color 52.8681, 57.6560, 67.3738 looks on a white background.

Color Contrast Check

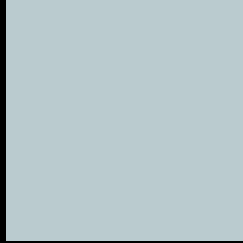
Large Text (above 18pt) WCAG AA × Fail

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 52.8681, 57.6560, 67.3738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

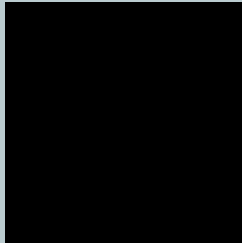
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

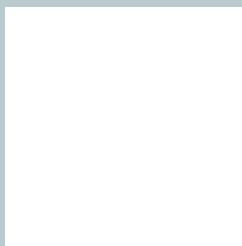
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8681, 57.6560, 67.3738

Background



This preview shows how black text looks on a background with the XYZ color 52.8681, 57.6560, 67.3738.



This preview shows how white text looks on a background with the XYZ color 52.8681, 57.6560,

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

52.8681, 57.6560, 67.3738

Protanopia

55.6796, 57.7630, 65.3415

Deuteranopia

58.8247, 57.6341, 68.3457



Tritanopia

54.1501, 57.4744, 73.8853

Trichromacy



Original Color

52.8681, 57.6560, 67.3738

Protanomaly

54.4387, 57.4521, 65.9777

Deuteranomaly

56.2533, 57.3239, 67.7743

Tritanomaly

53.6243, 57.6100, 71.2443

Monochromacy



Original Color

52.8681, 57.6560, 67.3738

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4450, 56.9949, 63.4426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8681, 57.6560, 67.3738 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(186, 203, 207) looks like.

```
.text, #text, p{  
    color:rgb(186, 203, 207)  
}
```

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(186, 203, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 203, 207) }
```

Border

The CSS property to change the border of an element to XYZ 52.8681, 57.6560, 67.3738 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(186, 203, 207) }
```


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

```
.border{ border-color:rgb(186, 203, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 203, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 203, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 203, 207);  
box-shadow:4px 4px 4px 4px rgb(186, 203,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8681, 57.6560, 67.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 203, 207) }
```

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

```
.background{ background-color: rgb(186,  
203, 207) }
```

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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