

Converting Colors

XYZ(52.8517, 57.7275, 65.8617)

Have a look what the booklet for
XYZ(52.8517, 57.7275, 65.8617)
contains.

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Color

**XYZ(52.8689, 57.6844,
66.1053)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCBCD
RGB	187, 203, 205
RGB Percent	73%, 80%, 80%
CMY	0.2667, 0.2039, 0.1961
CMYK	0.09, 0.01, 0.00, 0.20
HSL	187°, 15%, 77%
HSV	187°, 9%, 80%
XYZ	52.8689, 57.6844, 66.1053
YIQ	198.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

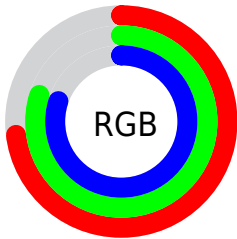
Format	Color
RYB	187, 195, 205
Decimal	12307405
CIELab	80.56, -5.02, -2.86
CIELCh	81, 5.776, 209.721
Yxy	57.6844, 0.2993, 0.3265
Android (android.graphics.Color)	4290497485 (0xFFBBCBCD)
YUV	198.4440, 3.2321, -10.0364
Hunter-Lab	75.9502, -8.6592, 1.5606

Details

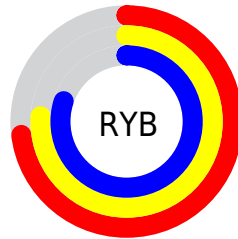
The XYZ color **52.8689, 57.6844, 66.1053** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3444, 52.9620, 54.4786**, and the grayscale version is **53.9334, 56.7421, 61.7922**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **26.1649, 28.7976, 33.4576** is the 20% darker color. If you saturate the color by 10%, you get **47.6746, 54.2167, 65.7106**, and if you desaturate by 10%, it is **58.7903, 61.5418, 66.5387**.

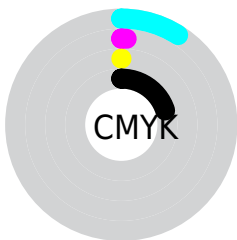
Distribution



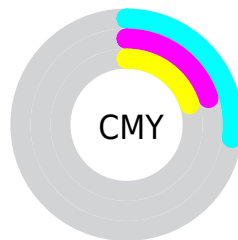
- Red (73%)
- Green (80%)
- Blue (80%)



- Red (73%)
- Yellow (76%)
- Blue (80%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8689, 57.6844, 66.1053 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 52.8689, 57.6844, 66.1053 by changing the saturation by 10% instead.

■ 52.8689, 57.6844,
66.1053

■ 52.8689, 57.6844,
66.1053

388.0510,
416.0089, 465.1679

■ 37.9252, 41.5550,
47.9009

■ 93.5781, 101.4631,
115.2659

■ 26.1016, 28.7530,
33.3890

120.0743,
129.8812, 147.0591

■ 17.0327, 18.8940,
22.1510

151.1520,
163.1643, 184.2191

■ 10.3533, 11.5937,
13.7685

187.1766,
201.6969, 227.1642

■ 5.6979, 6.4677,
7.8229

228.5135,
245.8632, 276.3131

■ 2.7012, 3.1315,
3.8957

275.5279,

■ 0.9978, 1.2008,

296.0477, 332.0844

1.5683

328.5853,
352.6348, 394.8964

■ 0.0000, 0.0623,
0.2681

■ 0.0000, 0.0000,
0.0000

■ 52.8689, 57.6844,
66.1053

■ 52.8689, 57.6844,
66.1053

■ 47.6746, 54.2167,
65.7106

■ 58.7903, 61.5418,
66.5387

■ 43.1723, 51.1157,
65.3494

■ 65.4623, 65.7964,
67.0082

■ 39.3313, 48.3673,
65.0213

■ 72.9134, 70.4643,
67.5165

■ 36.1165, 45.9533,
64.7248

■ 75.8286, 72.8058,
67.8148

■ 33.4898, 43.8539,
64.4580

■ 76.4016, 73.9517,
68.0058

■ 31.4087, 42.0473,
64.2190

■ 76.9826, 75.1137,
68.1995

■ 29.8251, 40.5084,
64.0054

■ 77.5716, 76.2919,
68.3958

■ 28.6820, 39.2081,
63.8147

■ 78.1688, 77.4862,
68.5949

■ 27.8886, 38.0993,
63.6425

■ 78.7741, 78.6969,
68.7967

Harmonies

Analogous

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



52.5764, 57.6844, 62.7767



52.8689, 57.6844, 66.1053



53.6845, 57.6844, 68.6243

Triad

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



52.8689, 57.6844, 66.1053



56.8221, 57.6844, 66.1624



54.8384, 57.6844, 56.4960

Complementary

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



52.8689, 57.6844, 66.1053



52.3444, 52.9620, 54.4786

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.



55.9862, 57.6844, 57.3310



52.8689, 57.6844, 66.1053



57.1415, 57.6844, 62.8404

Square

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



52.8689, 57.6844, 66.1053



55.9667, 57.6844, 68.6581



56.8335, 57.6844, 59.6232



53.7035, 57.6844, 57.3010

Rectangle

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



52.8689, 57.6844, 66.1053



54.4210, 57.6844, 69.4624



56.8335, 57.6844, 59.6232



55.2356, 57.6844, 56.5937

Sweetspot

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



52.8706, 57.6868, 66.1066



92.0212, 98.0375, 108.6808



51.4894, 57.8939, 56.4922



19.5271, 20.8740, 23.2498



0.0000, 0.0000, 0.0000



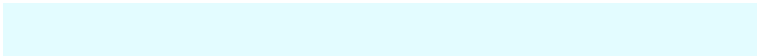
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8706, 57.6868, 66.1066



84.4880, 93.0932, 108.1235



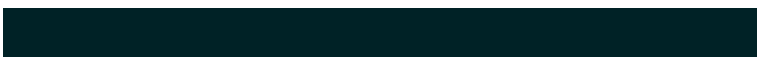
50.8503, 53.6463, 65.4332



11.4329, 12.5061, 14.3817



17.3499, 23.7238, 39.6210



0.9261, 1.2860, 2.0543

Inverse Universe

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



53.7280, 52.8328, 63.8686



86.2483, 83.1920, 103.5143



54.2958, 56.8648, 55.1290



11.6318, 11.3815, 13.8619



20.9683, 10.1979, 28.6156



1.0974, 0.5324, 1.5588

Previews

White Background



This preview shows how the XYZ color 52.8689, 57.6844, 66.1053 looks on a white background.

Color Contrast Check

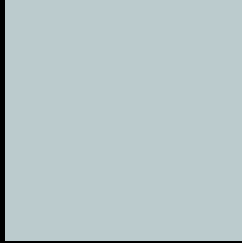
Large Text (above 18pt) WCAG AA × Fail

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 52.8689, 57.6844, 66.1053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

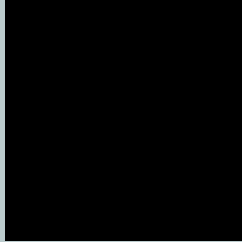
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

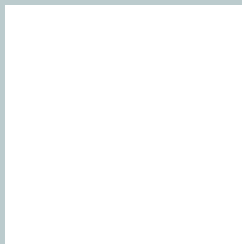
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8689, 57.6844, 66.1053

Background



This preview shows how black text looks on a background with the XYZ color 52.8689, 57.6844, 66.1053.



This preview shows how white text looks on a background with the XYZ color 52.8689, 57.6844,

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

52.8689, 57.6844, 66.1053

Protanopia

55.4412, 57.6677, 64.0860

Deuteranopia

58.8732, 57.6875, 67.0633



Tritanopia

54.3973, 57.6019, 73.8969

Trichromacy



Original Color

52.8689, 57.6844, 66.1053

Protanomaly

54.4597, 57.4907, 64.7264

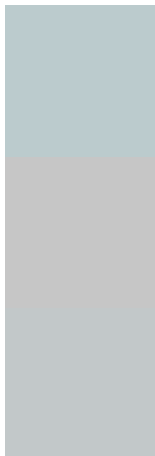
Deuteranomaly

56.2837, 57.3679, 66.4992

Tritanomaly

53.8698, 57.7365, 71.2558

Monochromacy



Original Color

52.8689, 57.6844, 66.1053

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 52.8689, 57.6844, 66.1053 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(187, 203, 205)` looks like.

```
.text, #text, p{  
    color:rgb(187, 203, 205)  
}
```

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(187, 203, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 203, 205) }
```

Border

The CSS property to change the border of an element to XYZ 52.8689, 57.6844, 66.1053 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(187, 203, 205) }
```


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

```
.border{ border-color:rgb(187, 203, 205) }
```

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

Here you see how a box with a 4 pixel rgb(187, 203, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(187, 203,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8689, 57.6844, 66.1053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 203, 205) }
```

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

```
.background{ background-color: rgb(187,  
203, 205) }
```

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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