

Converting Colors

XYZ(54.6702, 60.2982, 69.7453)

Have a look what the booklet for
XYZ(54.6702, 60.2982, 69.7453)
contains.

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Color

**XYZ(54.6823, 60.3297,
69.7355)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD0D2
RGB	187, 208, 210
RGB Percent	73%, 82%, 82%
CMY	0.2667, 0.1843, 0.1765
CMYK	0.11, 0.01, 0.00, 0.18
HSL	185°, 20%, 78%
HSV	185°, 11%, 82%
XYZ	54.6823, 60.3297, 69.7355
YIQ	201.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

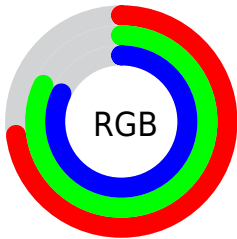
Format	Color
RYB	187, 198, 210
Decimal	12308690
CIELab	82.02, -6.63, -3.40
CIELCh	82, 7.456, 207.142
Yxy	60.3297, 0.2960, 0.3266
Android (android.graphics.Color)	4290498770 (0xFFBBD0D2)
YUV	201.9490, 3.9691, -13.1103
Hunter-Lab	77.6722, -10.2599, 1.1389

Details

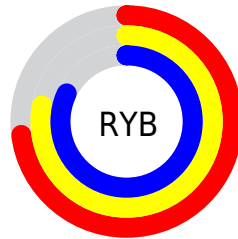
The XYZ color **54.6823, 60.3297, 69.7355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7460, 53.6846, 54.5443**, and the grayscale version is **56.0906, 59.0117, 64.2637**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **27.3879, 30.5798, 35.9115** is the 20% darker color. If you saturate the color by 10%, you get **49.4743, 56.9903, 69.3664**, and if you desaturate by 10%, it is **60.6502, 64.0717, 70.1442**.

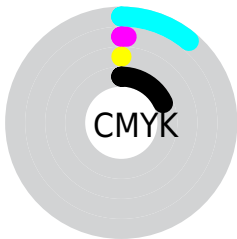
Distribution



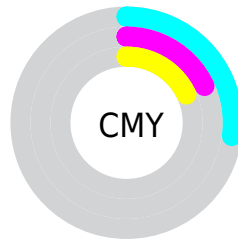
- Red (73%)
- Green (82%)
- Blue (82%)



- Red (73%)
- Yellow (78%)
- Blue (82%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6823, 60.3297, 69.7355 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 54.6823, 60.3297, 69.7355 by changing the saturation by 10% instead.

■ 54.6823, 60.3297,
69.7355

■ 54.6823, 60.3297,
69.7355

394.8625,
425.8120, 478.3848

■ 39.3803, 43.6844,
50.8355

■ 96.2264, 105.3078,
120.5091

■ 27.2377, 30.4225,
35.7019

123.1991,
134.4094, 153.2197

■ 17.8894, 20.1595,
23.9162

154.7927,
168.4319, 191.3709

■ 10.9698, 12.5110,
15.0598

191.3727,
207.7598, 235.3812

■ 6.1137, 7.0927,
8.7143

233.3043,
252.7773, 285.6692

■ 2.9556, 3.5202,
4.4610

280.9529,

■ 1.1303, 1.4089,

303.8689, 342.6535

1.8815

334.6839,
361.4190, 406.7525

■ 0.0503, 0.2233,
0.4809

■ 0.0000, 0.0000,
0.0000

■ 54.6823, 60.3297,
69.7355

■ 54.6823, 60.3297,
69.7355

■ 49.4743, 56.9903,
69.3664

■ 60.6502, 64.0717,
70.1442

■ 44.9884, 54.0292,
69.0312

■ 67.4033, 68.2244,
70.5898

■ 41.1916, 51.4307,
68.7298

■ 74.9721, 72.8053,
71.0751

■ 38.0461, 49.1756,
68.4603

■ 77.2494, 74.6660,
71.3142

■ 35.5104, 47.2423,
68.2208

■ 77.7172, 75.6015,
71.4701

■ 33.5385, 45.6071,
68.0091

■ 78.1901, 76.5473,
71.6278

■ 32.0773, 44.2427,
67.8228

■ 78.6683, 77.5037,
71.7872

■ 31.0641, 43.1166,
67.6588

■ 79.1516, 78.4704,
71.9483

■ 30.4318, 42.2507,
67.5250

■ 79.6403, 79.4477,
72.1112

Harmonies

Analogous

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



54.3627, 60.3297, 65.2563



54.6823, 60.3297, 69.7355



55.7102, 60.3297, 73.2662

Triad

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



54.6823, 60.3297, 69.7355



59.9297, 60.3297, 70.5197



57.4931, 60.3297, 57.3823

Complementary

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



54.6823, 60.3297, 69.7355



53.7460, 53.6846, 54.5443

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.



59.0045, 60.3297, 58.6527



54.6823, 60.3297, 69.7355



60.4273, 60.3297, 66.1232

Square

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



54.6823, 60.3297, 69.7355



58.7377, 60.3297, 73.7333



60.0857, 60.3297, 61.8017



55.9678, 60.3297, 58.2517

Rectangle

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



54.6823, 60.3297, 69.7355



56.6687, 60.3297, 74.5349



60.0857, 60.3297, 61.8017



58.0198, 60.3297, 57.5719

Sweetspot

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



54.6840, 60.3322, 69.7368



92.0798, 98.1548, 108.7004



52.7175, 60.3296, 56.9641



19.5430, 20.9057, 23.2551



0.0000, 0.0000, 0.0000



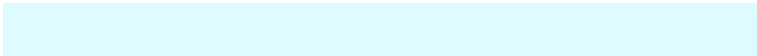
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6840, 60.3322, 69.7368



82.9769, 92.4232, 108.0739



51.9992, 54.9626, 68.8419



12.0669, 13.2242, 15.1602



18.5999, 25.8465, 41.2010



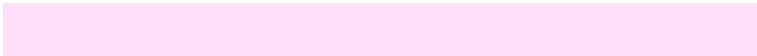
1.0664, 1.4979, 2.3125

Inverse Universe

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



55.7352, 53.7977, 67.1238



84.9114, 80.4589, 103.2514



56.2999, 58.7924, 55.3956



12.2647, 11.9906, 14.6696



22.0191, 10.6805, 31.3365



1.2445, 0.6025, 1.8222

Previews

White Background



This preview shows how the XYZ color 54.6823, 60.3297, 69.7355 looks on a white background.

Color Contrast Check

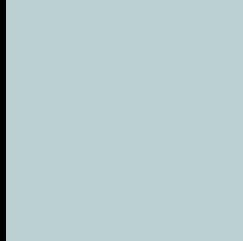
Large Text (above 18pt) WCAG AA × Fail

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 54.6823, 60.3297, 69.7355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

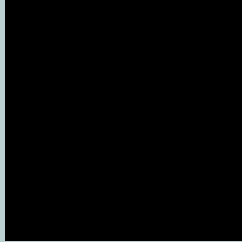
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

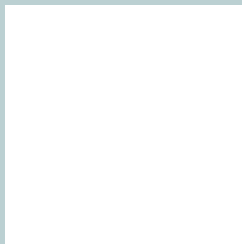
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6823, 60.3297, 69.7355

Background



This preview shows how black text looks on a background with the XYZ color 54.6823, 60.3297, 69.7355.



This preview shows how white text looks on a background with the XYZ color 54.6823, 60.3297,

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

54.6823, 60.3297, 69.7355

Protanopia

58.0720, 60.3387, 67.6173

Deuteranopia

61.5929, 60.3573, 70.6912



Tritanopia

56.2424, 60.2354, 77.7695

Trichromacy



Original Color

54.6823, 60.3297, 69.7355

Protanomaly

56.7697, 60.3588, 68.3328

Deuteranomaly

58.8908, 60.3541, 70.1736

Tritanomaly

55.7068, 60.3790, 75.0479

Monochromacy



Original Color

54.6823, 60.3297, 69.7355

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.6383, 59.4638, 66.3028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6823, 60.3297, 69.7355 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, 208, 210)` looks like.

```
.text, #text, p{  
    color:rgb(187, 208, 210)  
}
```

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, 208, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 208, 210) }
```

Border

The CSS property to change the border of an element to XYZ 54.6823, 60.3297, 69.7355 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, 208, 210) }
```


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

```
.border{ border-color:rgb(187, 208, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 208, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 208, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 208, 210);  
box-shadow:4px 4px 4px 4px rgb(187, 208,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6823, 60.3297, 69.7355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 208, 210) }
```

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

```
.background{ background-color: rgb(187,  
208, 210) }
```

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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