

Converting Colors

XYZ(54.6850, 60.3624, 68.4521)

Have a look what the booklet for
XYZ(54.6850, 60.3624, 68.4521)
contains.

XYZ(54.6801, 60.3572, 68.4427)	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(54.6801, 60.3572,
68.4427)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD0D0
RGB	188, 208, 208
RGB Percent	74%, 82%, 82%
CMY	0.2627, 0.1843, 0.1843
CMYK	0.10, 0.00, 0.00, 0.18
HSL	180°, 18%, 78%
HSV	180°, 10%, 82%
XYZ	54.6801, 60.3572, 68.4427
YIQ	202.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

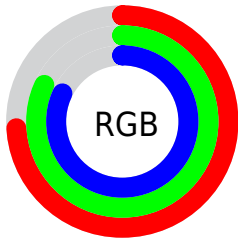
Format	Color
RYB	188, 198, 208
Decimal	12374224
CIELab	82.03, -6.70, -2.30
CIELCh	82, 7.089, 198.963
Yxy	60.3572, 0.2980, 0.3290
Android (android.graphics.Color)	4290564304 (0xFFBCD0D0)
YUV	202.0200, 2.9481, -12.2955
Hunter-Lab	77.6899, -10.3245, 2.1500

Details

The XYZ color **54.6801, 60.3572, 68.4427** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0750, 53.0088, 55.0141**, and the grayscale version is **56.1405, 59.0641, 64.3208**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **27.3800, 30.5952, 35.0342** is the 20% darker color. If you saturate the color by 10%, you get **49.9209, 57.9054, 68.2192**, and if you desaturate by 10%, it is **60.1813, 63.1948, 68.7035**.

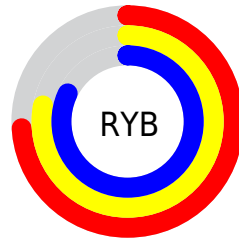
Distribution



Red (74%)

Green (82%)

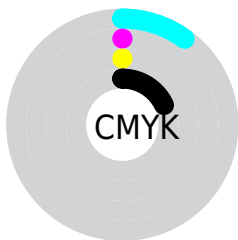
Blue (82%)



Red (74%)

Yellow (78%)

Blue (82%)

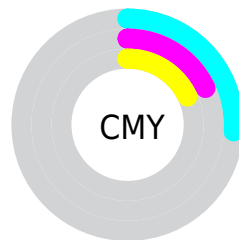


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6801, 60.3572, 68.4427 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 54.6801, 60.3572, 68.4427 by changing the saturation by 10% instead.

■ 54.6801, 60.3572,
68.4427

■ 54.6801, 60.3572,
68.4427

394.8543,
425.9131, 473.7035

■ 39.3785, 43.7066,
49.7890

■ 96.2232, 105.3477,
118.6454

■ 27.2363, 30.4399,
34.8758

123.1953,
134.4563, 151.0316

■ 17.8883, 20.1727,
23.2844

154.7883,
168.4865, 188.8323

■ 10.9690, 12.5207,
14.5964

191.3676,
207.8225, 232.4662

■ 6.1132, 7.0993,
8.3932

233.2985,
252.8487, 282.3517

■ 2.9553, 3.5243,
4.2562

280.9463,

■ 1.1302, 1.4112,

303.9497, 338.9074

1.7669

334.6765,
361.5097, 402.5518

■ 0.0501, 0.2250,
0.4060

■ 0.0000, 0.0000,
0.0000

■ 54.6801, 60.3572,
68.4427

■ 54.6801, 60.3572,
68.4427

■ 49.9209, 57.9054,
68.2192

■ 60.1813, 63.1948,
68.7035

■ 45.8670, 55.8156,
68.0274

■ 66.4489, 66.4258,
68.9989

■ 42.4865, 54.0730,
67.8671

■ 73.5125, 70.0672,
69.3315

■ 39.7430, 52.6587,
67.7366

■ 75.1839, 70.9288,
69.4118

■ 37.5965, 51.5521,
67.6341

■ 75.1843, 70.9289,
69.4139

■ 36.0026, 50.7305,
67.5575

■ 75.1847, 70.9291,
69.4160

■ 34.9108, 50.1677,
67.5043

■ 75.1851, 70.9293,
69.4181

■ 34.2613, 49.8329,
67.4718

■ 75.1855, 70.9294,
69.4202

■ 33.9488, 49.6719,
67.4551

■ 75.1859, 70.9296,
69.4222

Harmonies

Analogous

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



54.5801, 60.3572, 64.1483



54.6801, 60.3572, 68.4427



55.4928, 60.3572, 72.1556

Triad

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



54.6801, 60.3572, 68.4427



59.5733, 60.3572, 71.2988



57.9223, 60.3572, 57.9319

Complementary

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



54.6801, 60.3572, 68.4427



53.0750, 53.0088, 55.0141

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.



59.2844, 60.3572, 59.6765



54.6801, 60.3572, 68.4427



60.2486, 60.3572, 67.3146

Square

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



54.6801, 60.3572, 68.4427



58.3111, 60.3572, 73.8536



60.1420, 60.3572, 63.0680



56.4345, 60.3572, 58.2043

Rectangle

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



54.6801, 60.3572, 68.4427



56.3374, 60.3572, 73.7430



60.1420, 60.3572, 63.0680



58.4105, 60.3572, 58.2988

Sweetspot

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



54.6818, 60.3597, 68.4440



92.2911, 98.5778, 108.7699



52.4560, 59.4789, 56.2938



19.6003, 21.0204, 23.2740



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.



54.6818, 60.3597, 68.4440



84.6738, 94.6510, 108.4104



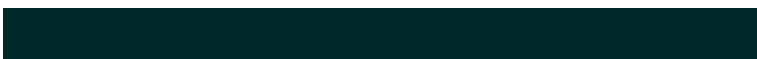
52.3963, 55.7881, 67.6841



12.1583, 13.4071, 15.1902



21.1515, 30.9535, 42.0396



1.1827, 1.7307, 2.3507

Inverse Universe

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



53.0750, 53.0088, 55.0141



81.5128, 80.1904, 81.9913



55.2097, 57.2789, 55.7240



11.8089, 11.8083, 12.2693



16.2125, 8.3579, 0.7595



0.9065, 0.4673, 0.0426

Previews

White Background



This preview shows how the XYZ color 54.6801, 60.3572, 68.4427 looks on a white background.

Color Contrast Check

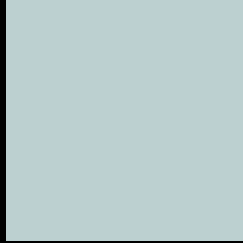
Large Text (above 18pt) WCAG AA × Fail

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 54.6801, 60.3572, 68.4427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

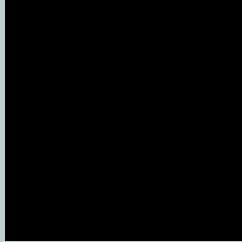
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

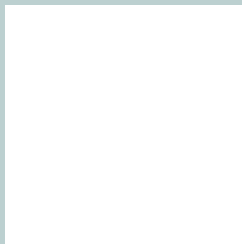
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6801, 60.3572, 68.4427

Background



This preview shows how black text looks on a background with the XYZ color 54.6801, 60.3572, 68.4427.

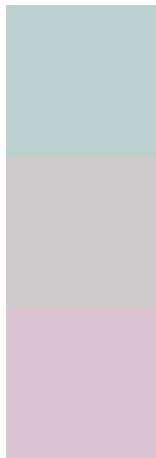


This preview shows how white text looks on a background with the XYZ color 54.6801, 60.3572,

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

54.6801, 60.3572, 68.4427

Protanopia

58.1075, 60.3850, 66.3505

Deuteranopia

61.1143, 59.8013, 69.2945



Tritanopia

56.4913, 60.3637, 77.7812

Trichromacy



Original Color

54.6801, 60.3572, 68.4427

Protanomaly

56.7913, 60.3982, 67.0573

Deuteranomaly

58.4077, 59.7866, 68.7832

Tritanomaly

55.8235, 60.4542, 74.3723

Monochromacy



Original Color

54.6801, 60.3572, 68.4427

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.5179, 59.4157, 65.6690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6801, 60.3572, 68.4427 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(188, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(188, 208, 208)  
}
```

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(188, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 208, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.6801, 60.3572, 68.4427 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(188, 208, 208) }
```


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

```
.border{ border-color:rgb(188, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(188, 208,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6801, 60.3572, 68.4427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 208, 208) }
```

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

```
.background{ background-color: rgb(188,  
208, 208) }
```

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