

Converting Colors

XYZ(54.8533, 60.6780, 74.4666)

Have a look what the booklet for
XYZ(54.8533, 60.6780, 74.4666)
contains.

XYZ(54.8533, 60.6780, 74.4666)	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(54.8533, 60.6780,
74.4666)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D1D9
RGB	183, 209, 217
RGB Percent	72%, 82%, 85%
CMY	0.2823, 0.1804, 0.1490
CMYK	0.16, 0.04, 0.00, 0.15
HSL	194°, 31%, 78%
HSV	194°, 16%, 85%
XYZ	54.8533, 60.6780, 74.4666
YIQ	202.1380, -18.0640, -3.0240

Conversions

Conversions Part 2

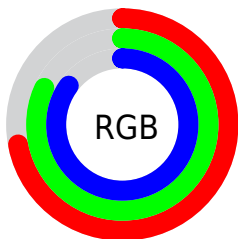
Format	Color
RYB	183, 198, 217
Decimal	12046809
CIELab	82.21, -7.01, -6.89
CIELCh	82, 9.832, 224.494
Yxy	60.6780, 0.2887, 0.3194
Android (android.graphics.Color)	4290236889 (0xFFB7D1D9)
YUV	202.1380, 7.3270, -16.7840
Hunter-Lab	77.8961, -10.6210, -2.1524

Details

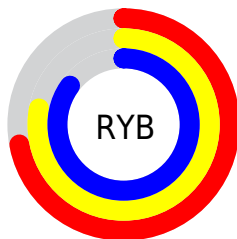
The XYZ color **54.8533, 60.6780, 74.4666** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7937, 55.4321, 52.5597**, and the grayscale version is **56.1904, 59.1167, 64.3780**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **27.4489, 30.7972, 38.6802** is the 20% darker color. If you saturate the color by 10%, you get **48.8527, 55.7567, 73.8339**, and if you desaturate by 10%, it is **61.6934, 66.0948, 75.1526**.

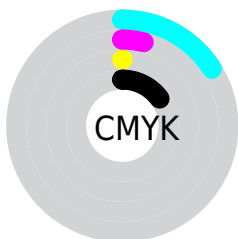
Distribution



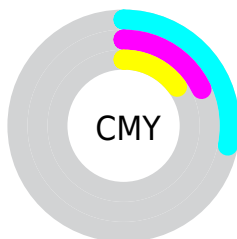
- Red (72%)
- Green (82%)
- Blue (85%)



- Red (72%)
- Yellow (78%)
- Blue (85%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (28%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8533, 60.6780, 74.4666 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 54.8533, 60.6780, 74.4666 by changing the saturation by 10% instead.

■ 54.8533, 60.6780,
74.4666

■ 54.8533, 60.6780,
74.4666

395.5011,
427.0924, 495.2886

■ 39.5177, 43.9654,
54.6769

■ 96.4756, 105.8126,
127.2972

■ 27.3452, 30.6433,
38.7463

123.4929,
135.0033, 161.1751

■ 17.9706, 20.3274,
26.2561

155.1348,
169.1221, 200.5863

■ 11.0284, 12.6332,
16.7878

191.7667,
208.5535, 245.9492

■ 6.1534, 7.1765,
9.9230

233.7539,
253.6818, 297.6823

■ 2.9801, 3.5727,
5.2430

281.4618,

■ 1.1433, 1.4375,

304.8915, 356.2042

2.3293

335.2558,
362.5669, 421.9335

■ 0.0608, 0.2441,
0.7476

■ 0.0000, 0.0000,
0.0000

■ 54.8533, 60.6780,
74.4666

■ 54.8533, 60.6780,
74.4666

■ 48.8527, 55.7567,
73.8339

■ 61.6934, 66.0948,
75.1526

■ 43.6494, 51.3040,
73.2487

■ 69.4019, 72.0177,
75.8896

■ 39.2058, 47.3013,
72.7103

■ 78.0132, 78.4667,
76.6805

■ 35.4788, 43.7259,
72.2166

■ 81.9004, 82.5415,
77.2621

■ 32.4209, 40.5528,
71.7653

■ 83.3370, 85.4147,
77.7410

■ 29.9785, 37.7537,
71.3538

■ 84.8155, 88.3716,
78.2338

■ 28.0893, 35.2959,
70.9790

■ 86.3362, 91.4131,
78.7407

■ 26.6767, 33.1394,
70.6372

■ 87.8995, 94.5397,
79.2618

■ 26.1537, 32.2681,
70.4965

■ 89.5057, 97.7521,
79.7972

Harmonies

Analogous

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



53.8688, 60.6780, 68.9906



54.8533, 60.6780, 74.4666



56.6050, 60.6780, 77.7902

Triad

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



54.8533, 60.6780, 74.4666



61.6323, 60.6780, 69.1928



56.6727, 60.6780, 55.5401

Complementary

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



54.8533, 60.6780, 74.4666



55.7937, 55.4321, 52.5597

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.



58.7536, 60.6780, 55.5869



54.8533, 60.6780, 74.4666



61.6515, 60.6780, 63.2292

Square

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



54.8533, 60.6780, 74.4666



60.5351, 60.6780, 74.6223



60.5869, 60.6780, 58.3259



54.9018, 60.6780, 58.1938

Rectangle

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



54.8533, 60.6780, 74.4666



57.9881, 60.6780, 78.2186



60.5869, 60.6780, 58.3259



57.3583, 60.6780, 55.2458

Sweetspot

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



54.8551, 60.6805, 74.4680



89.5646, 95.7630, 108.3713



53.7390, 63.4527, 58.6681



19.0110, 20.3730, 23.1803



0.0000, 0.0000, 0.0000



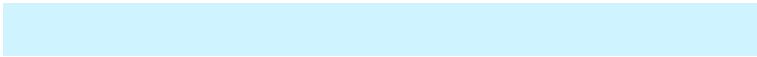
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8551, 60.6805, 74.4680



75.8883, 84.8841, 106.9923



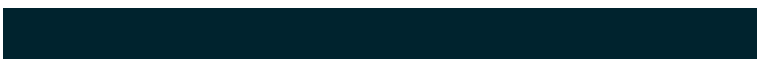
50.9182, 52.8067, 73.1557



13.1718, 14.2833, 16.7149



15.9165, 19.7025, 42.7025



1.0953, 1.4047, 2.7878

Inverse Universe

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



57.0588, 53.2234, 67.5904



79.7130, 72.1755, 95.0031



59.7032, 63.2509, 53.8628



13.4766, 13.2197, 15.7709



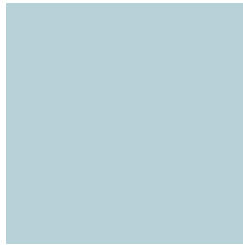
21.5293, 10.6127, 22.9648



1.4271, 0.7005, 1.6582

Previews

White Background



This preview shows how the XYZ color 54.8533, 60.6780, 74.4666 looks on a white background.

Color Contrast Check

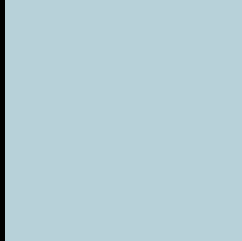
Large Text (above 18pt) WCAG AA × Fail

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 54.8533, 60.6780, 74.4666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

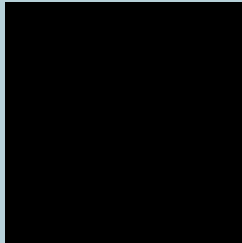
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

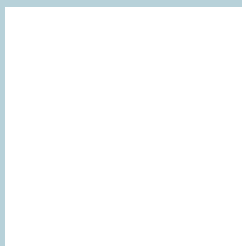
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8533, 60.6780, 74.4666

Background



This preview shows how black text looks on a background with the XYZ color 54.8533, 60.6780, 74.4666.

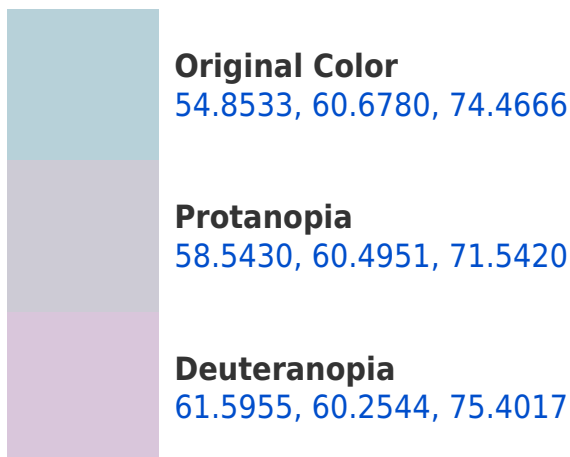


This preview shows how white text looks on a background with the XYZ color 54.8533, 60.6780,

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





Tritanopia

55.7776, 60.6839, 79.2944

Trichromacy



Original Color

54.8533, 60.6780, 74.4666

Protanomaly

56.9949, 60.3880, 72.2704

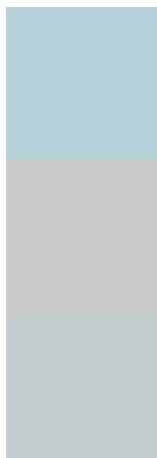
Deuteranomaly

58.9523, 60.2822, 74.8582

Tritanomaly

55.3742, 60.5226, 77.1701

Monochromacy



Original Color

54.8533, 60.6780, 74.4666

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.5995, 59.7697, 67.6378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8533, 60.6780, 74.4666 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(183, 209, 217)` looks like.

```
.text, #text, p{  
    color:rgb(183, 209, 217)  
}
```

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(183, 209, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 209, 217) }
```

Border

The CSS property to change the border of an element to XYZ 54.8533, 60.6780, 74.4666 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(183, 209, 217) }
```


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

```
.border{ border-color:rgb(183, 209, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 209, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 209, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 209, 217); box-shadow:4px 4px 4px 4px rgb(183, 209, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8533, 60.6780, 74.4666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 209, 217) }
```

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

```
.background{ background-color: rgb(183,  
209, 217) }
```

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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