

Converting Colors

XYZ(54.9100, 60.5866, 79.6783)

Have a look what the booklet for
XYZ(54.9100, 60.5866, 79.6783)
contains.

XYZ(54.9815, 60.6209, 80.0373)	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(54.9815, 60.6209,
80.0373)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D1E1
RGB	179, 209, 225
RGB Percent	70%, 82%, 88%
CMY	0.2980, 0.1804, 0.1176
CMYK	0.20, 0.07, 0.00, 0.12
HSL	201°, 43%, 79%
HSV	201°, 20%, 88%
XYZ	54.9815, 60.6209, 80.0373
YIQ	201.8540, -23.0160, -1.3840

Conversions

Conversions Part 2

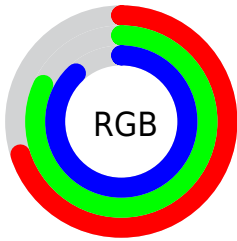
Format	Color
R_{YB}	179, 197, 225
Decimal	11784673
CIE _{Lab}	82.17, -6.56, -11.23
CIE _{LCh}	82, 13.006, 239.728
Yxy	60.6209, 0.2810, 0.3099
Android (android.graphics.Color)	4289974753 (0xFFB3D1E1)
YUV	201.8540, 11.4110, -20.0430
Hunter-Lab	77.8594, -10.2038, -6.4469

Details

The XYZ color **54.9815, 60.6209, 80.0373** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.7037, 58.2926, 50.8067**, and the grayscale version is **55.9909, 58.9068, 64.1495**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **27.5812, 30.7806, 42.5178** is the 20% darker color. If you saturate the color by 10%, you get **48.3270, 54.4115, 79.1905**, and if you desaturate by 10%, it is **62.5824, 67.4613, 80.9580**.

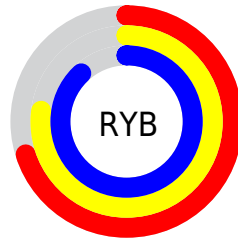
Distribution



Red (70%)

Green (82%)

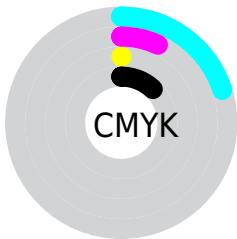
Blue (88%)



Red (70%)

Yellow (77%)

Blue (88%)

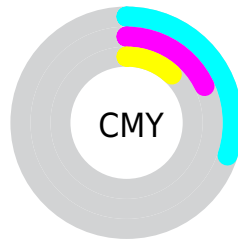


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (30%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9815, 60.6209, 80.0373 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 54.9815, 60.6209, 80.0373 by changing the saturation by 10% instead.

■ 54.9815, 60.6209,
80.0373

■ 54.9815, 60.6209,
80.0373

395.9794,
426.8826, 514.7686

■ 39.6207, 43.9193,
59.2227

■ 96.6623, 105.7298,
135.2300

■ 27.4258, 30.6071,
42.3712

123.7131,
134.9060, 170.4453

■ 18.0315, 20.2998,
29.0643

155.3912,
169.0090, 211.2978

■ 11.0724, 12.6132,
18.8835

192.0620,
208.4235, 258.2061

■ 6.1832, 7.1627,
11.4102

234.0908,
253.5336, 311.5888

■ 2.9985, 3.5641,
6.2258

281.8431,

■ 1.1530, 1.4328,

304.7240, 371.8645

2.9119

335.6842,
362.3788, 439.4515

■ 0.0688, 0.2407,
1.0498

■ 0.0000, 0.0000,
0.0000

■ 54.9815, 60.6209,
80.0373

■ 54.9815, 60.6209,
80.0373

■ 48.3270, 54.4115,
79.1905

■ 62.5824, 67.4613,
80.9580

■ 42.5711, 48.8017,
78.4111

■ 71.1639, 74.9476,
81.9507

■ 37.6697, 43.7685,
77.6979

■ 80.7651, 83.1035,
83.0189

■ 33.5725, 39.2837,
77.0482

■ 86.0804, 89.1955,
83.9147

■ 30.2238, 35.3165,
76.4589

■ 88.4378, 93.9103,
84.7004

■ 27.5596, 31.8319,
75.9267

■ 90.5908, 98.2163,
85.4181

■ 25.5044, 28.7885,
75.4476

■ 23.9861, 26.2269,
75.0332

Harmonies

Analogous

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



53.1270, 60.6209, 73.8417



54.9815, 60.6209, 80.0373



57.5931, 60.6209, 82.4195

Triad

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



54.9815, 60.6209, 80.0373



63.0958, 60.6209, 66.0782



55.0239, 60.6209, 53.6554

Complementary

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



54.9815, 60.6209, 80.0373



58.7037, 58.2926, 50.8067

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.



57.6436, 60.6209, 51.9302



54.9815, 60.6209, 80.0373



62.3560, 60.6209, 58.7449

Square

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



54.9815, 60.6209, 80.0373



62.3294, 60.6209, 73.9767



60.3382, 60.6209, 53.7183



53.1509, 60.6209, 58.6292

Rectangle

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



54.9815, 60.6209, 80.0373



59.4303, 60.6209, 81.3886



60.3382, 60.6209, 53.7183



55.8436, 60.6209, 52.6949

Sweetspot

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



54.9833, 60.6234, 80.0387



87.9694, 93.8648, 108.0890



55.2919, 67.3453, 61.3214



18.6704, 19.9521, 23.1171



0.0000, 0.0000, 0.0000



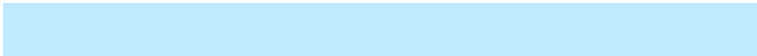
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9833, 60.6234, 80.0387



68.6895, 76.5102, 105.7554



49.8820, 50.4207, 78.3382



13.6944, 14.7280, 17.5087



13.9349, 15.3394, 43.2747



1.0487, 1.2288, 3.0271

Inverse Universe

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



58.6815, 52.8526, 67.4331



74.6090, 64.5042, 85.4815



64.0880, 69.0611, 52.6015



14.0820, 13.8504, 16.2019



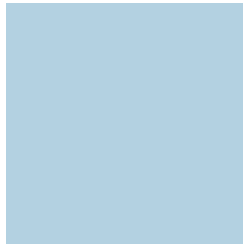
20.9739, 10.4566, 17.0602



1.4956, 0.7415, 1.4025

Previews

White Background



This preview shows how the XYZ color 54.9815, 60.6209, 80.0373 looks on a white background.

Color Contrast Check

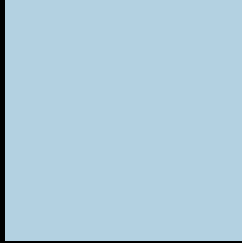
Large Text (above 18pt) WCAG AA × Fail

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 54.9815, 60.6209, 80.0373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

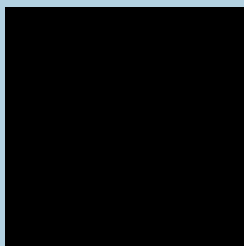
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

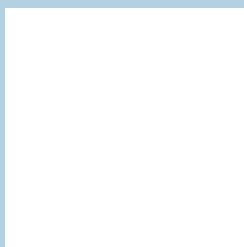
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9815, 60.6209, 80.0373

Background



This preview shows how black text looks on a background with the XYZ color 54.9815, 60.6209, 80.0373.



This preview shows how white text looks on a background with the XYZ color 54.9815, 60.6209,

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

54.9815, 60.6209, 80.0373

Protanopia

59.0357, 60.6288, 76.9976

Deuteranopia

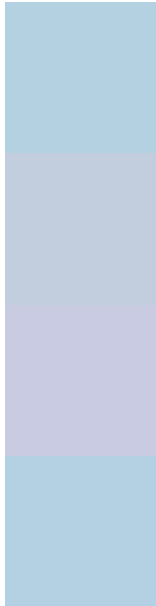
61.7291, 60.5390, 81.1048



Tritanopia

55.1183, 60.6756, 80.7580

Trichromacy



Original Color

54.9815, 60.6209, 80.0373

Protanomaly

57.2643, 60.4059, 77.7486

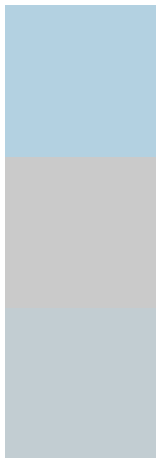
Deuteranomaly

59.1708, 60.6204, 80.5338

Tritanomaly

55.1183, 60.6756, 80.7580

Monochromacy



Original Color

54.9815, 60.6209, 80.0373

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.7123, 59.7851, 69.5761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9815, 60.6209, 80.0373 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(179, 209, 225)` looks like.

```
.text, #text, p{  
    color:rgb(179, 209, 225)  
}
```

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(179, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 209, 225) }
```

Border

The CSS property to change the border of an element to XYZ 54.9815, 60.6209, 80.0373 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(179, 209, 225) }
```


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

```
.border{ border-color:rgb(179, 209, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 209, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 209, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 209, 225); box-shadow:4px 4px 4px 4px rgb(179, 209, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9815, 60.6209, 80.0373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 209, 225) }
```

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

```
.background{ background-color: rgb(179,  
209, 225) }
```

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