

Converting Colors

XYZ(54.3637, 58.7847, 84.4248)

Have a look what the booklet for
XYZ(54.3637, 58.7847, 84.4248)
contains.

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Color

**XYZ(54.3866, 58.7793,
84.0804)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CDE7
RGB	177, 205, 231
RGB Percent	69%, 80%, 91%
CMY	0.3059, 0.1961, 0.0941
CMYK	0.23, 0.11, 0.00, 0.09
HSL	209°, 53%, 80%
HSV	209°, 23%, 91%
XYZ	54.3866, 58.7793, 84.0804
YIQ	199.5920, -25.0340, 2.1500

Conversions

Conversions Part 2

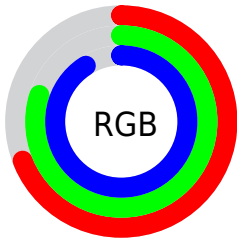
Format	Color
RYB	177, 195, 231
Decimal	11652583
CIELab	81.17, -3.74, -15.95
CIELCh	81, 16.385, 256.823
Yxy	58.7793, 0.2757, 0.2980
Android (android.graphics.Color)	4289842663 (0xFFB1CDE7)
YUV	199.5920, 15.4841, -19.8132
Hunter-Lab	76.6677, -7.5439, -11.3552

Details

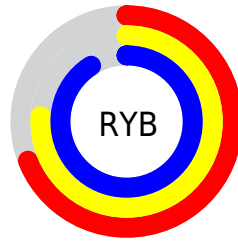
The XYZ color **54.3866, 58.7793, 84.0804** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.2474, 62.8754, 50.4517**, and the grayscale version is **54.5693, 57.4111, 62.5207**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **26.9729, 29.4393, 44.8182** is the 20% darker color. If you saturate the color by 10%, you get **46.9976, 51.1615, 83.0004**, and if you desaturate by 10%, it is **62.8589, 67.2392, 85.2678**.

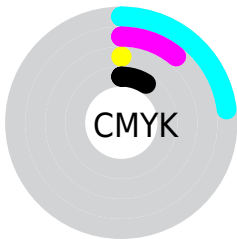
Distribution



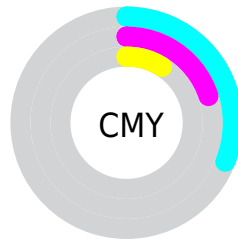
- Red (69%)
- Green (80%)
- Blue (91%)



- Red (69%)
- Yellow (76%)
- Blue (91%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3866, 58.7793, 84.0804 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 54.3866, 58.7793, 84.0804 by changing the saturation by 10% instead.

■ 54.3866, 58.7793,
84.0804

■ 54.3866, 58.7793,
84.0804

393.7569,
420.0835, 528.6452

■ 39.1427, 42.4355,
62.5360

■ 95.7952, 103.0568,
140.9504

■ 27.0520, 29.4424,
45.0274

122.6907,
131.7593, 177.1131

■ 17.7491, 19.4158,
31.1359

154.2007,
165.3502, 218.9856

■ 10.8686, 11.9711,
20.4430

190.6907,
204.2138, 266.9866

■ 6.0452, 6.7240,
12.5302

232.5259,
248.7345, 321.5345

■ 2.9135, 3.2901,
6.9790

280.0718,

■ 1.1082, 1.2850,

299.2968, 383.0478

3.3707

333.6936,
356.2850, 451.9452

■ 0.0319, 0.1295,
1.2869

■ 0.0000, 0.0000,
0.0510

■ 54.3866, 58.7793,
84.0804

■ 54.3866, 58.7793,
84.0804

■ 46.9976, 51.1615,
83.0004

■ 62.8589, 67.2392,
85.2678

■ 40.6378, 44.3478,
82.0205

■ 72.4547, 76.5632,
86.5617

■ 35.2563, 38.3074,
81.1382

■ 83.2183, 86.7810,
87.9666

■ 30.7952, 33.0042,
80.3497

■ 89.6912, 95.0840,
89.2281

■ 27.1900, 28.3986,
79.6507

■ 91.4240, 98.5496,
89.8057

■ 24.3664, 24.4457,
79.0366

■ 22.2353, 21.0925,
78.5016

■ 21.1150, 19.1516,
78.1861

Harmonies

Analogous

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



51.5006, 58.7793, 78.6941



54.3866, 58.7793, 84.0804



57.7871, 58.7793, 83.7100

Triad

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



54.3866, 58.7793, 84.0804



62.3820, 58.7793, 58.7184



51.2216, 58.7793, 51.9925

Complementary

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



54.3866, 58.7793, 84.0804



62.2474, 62.8754, 50.4517

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.



53.9917, 58.7793, 47.6566



54.3866, 58.7793, 84.0804



60.4756, 58.7793, 51.2605

Square

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



54.3866, 58.7793, 84.0804



62.4983, 58.7793, 68.3774



57.3760, 58.7793, 47.4030



49.7240, 58.7793, 59.8148

Rectangle

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



54.3866, 58.7793, 84.0804



59.8905, 58.7793, 80.2396



57.3760, 58.7793, 47.4030



52.0297, 58.7793, 50.1153

Sweetspot

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



54.3884, 58.7817, 84.0817



86.1046, 91.4093, 107.7133



57.3930, 70.7739, 66.6384



18.2721, 19.4123, 23.0339



0.0000, 0.0000, 0.0000



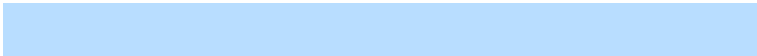
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3884, 58.7817, 84.0817



63.4791, 68.8762, 104.5565



48.6366, 47.2782, 82.1645



14.1980, 15.1174, 18.3140



11.9623, 10.9867, 43.8733



0.9769, 0.9977, 3.2731

Inverse Universe

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



59.6981, 52.8425, 64.8135



71.2988, 60.5755, 76.0795



68.9666, 76.3137, 52.6915



14.6875, 14.4922, 16.5549



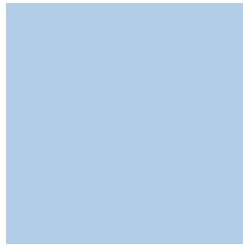
20.4315, 10.3068, 11.1673



1.5567, 0.7804, 1.0722

Previews

White Background



This preview shows how the XYZ color 54.3866, 58.7793, 84.0804 looks on a white background.

Color Contrast Check

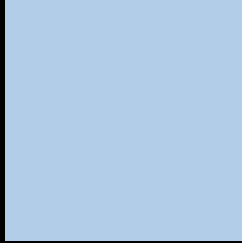
Large Text (above 18pt) WCAG AA × Fail

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 54.3866, 58.7793, 84.0804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

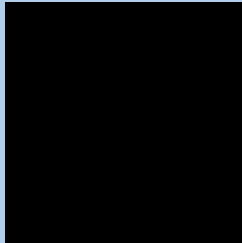
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

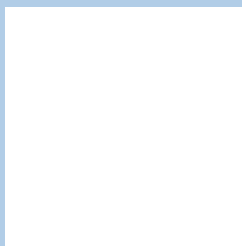
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3866, 58.7793, 84.0804

Background



This preview shows how black text looks on a background with the XYZ color 54.3866, 58.7793, 84.0804.



This preview shows how white text looks on a background with the XYZ color 54.3866, 58.7793,

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

54.3866, 58.7793, 84.0804

Protanopia

57.6838, 58.7803, 81.7043

Deuteranopia

59.9015, 58.4849, 85.2224



Tritanopia

53.0698, 58.5843, 78.3229

Trichromacy



Original Color

54.3866, 58.7793, 84.0804

Protanomaly

56.4986, 58.8454, 82.5092

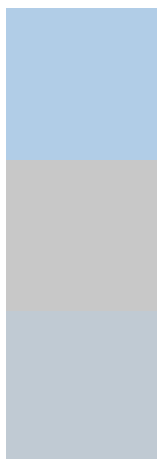
Deuteranomaly

57.4946, 58.2751, 84.5619

Tritanomaly

53.7033, 58.8637, 80.4829

Monochromacy



Original Color

54.3866, 58.7793, 84.0804

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.6166, 58.1507, 69.9736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3866, 58.7793, 84.0804 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(177, 205, 231)` looks like.

```
.text, #text, p{  
    color:rgb(177, 205, 231)  
}
```

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(177, 205, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 205, 231) }
```

Border

The CSS property to change the border of an element to XYZ 54.3866, 58.7793, 84.0804 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(177, 205, 231) }
```


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

```
.border{ border-color:rgb(177, 205, 231) }
```

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

Here you see how a box with a 4 pixel rgb(177, 205, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 205, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 205, 231);  
box-shadow:4px 4px 4px 4px rgb(177, 205,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3866, 58.7793, 84.0804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 205, 231) }
```

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

```
.background{ background-color: rgb(177,  
205, 231) }
```

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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