

Converting Colors

XYZ(53.6829, 58.9261, 89.7092)

Have a look what the booklet for
XYZ(53.6829, 58.9261, 89.7092)
contains.

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Color

**XYZ(53.6818, 59.0142,
89.4505)**

Conversions

Conversions Part 1

Format	Color
Hex	A7CFEE
RGB	167, 207, 238
RGB Percent	65%, 81%, 93%
CMY	0.3451, 0.1882, 0.0667
CMYK	0.30, 0.13, 0.00, 0.07
HSL	206°, 68%, 79%
HSV	206°, 30%, 93%
XYZ	53.6818, 59.0142, 89.4505
YIQ	198.5740, -33.7910, 1.1610

Conversions

Conversions Part 2

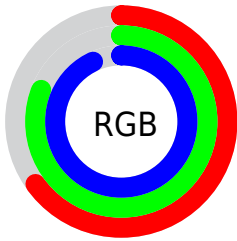
Format	Color
RYB	167, 193, 238
Decimal	10997742
CIELab	81.30, -6.09, -19.56
CIELCh	81, 20.484, 252.695
Yxy	59.0142, 0.2656, 0.2919
Android (android.graphics.Color)	4289187822 (0xFFA7CFEE)
YUV	198.5740, 19.4370, -27.6904
Hunter-Lab	76.8207, -9.7016, -15.2632

Details

The XYZ color **53.6818, 59.0142, 89.4505** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.4299, 61.3560, 45.1132**, and the grayscale version is **53.9274, 56.7358, 61.7853**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **26.6448, 29.6706, 48.5786** is the 20% darker color. If you saturate the color by 10%, you get **46.6742, 51.7879, 88.4260**, and if you desaturate by 10%, it is **61.7840, 67.0536, 90.5762**.

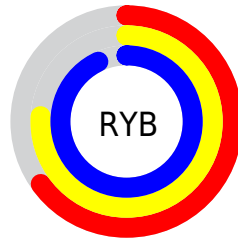
Distribution



Red (65%)

Green (81%)

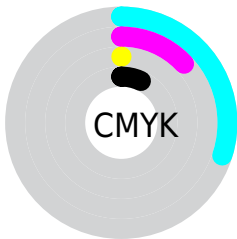
Blue (93%)



Red (65%)

Yellow (76%)

Blue (93%)

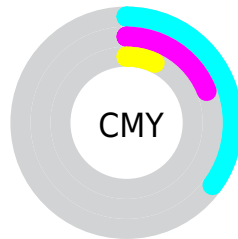


Cyan (30%)

Magenta (13%)

Yellow (0%)

Black (7%)



Cyan (35%)

Magenta (19%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6818, 59.0142, 89.4505 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 53.6818, 59.0142, 89.4505 by changing the saturation by 10% instead.

■ 53.6818, 59.0142,
89.4505

■ 53.6818, 59.0142,
89.4505

391.1136,
420.9545, 546.7656

■ 38.5770, 42.6246,
66.9538

■ 94.7665, 103.3983,
148.5037

■ 26.6100, 29.5906,
48.5858

■ 121.4771,
132.1615, 185.8974

■ 17.4156, 19.5281,
33.9277

152.7870,
165.8181, 229.0937

■ 10.6284, 12.0525,
22.5612

189.0616,
204.7524, 278.5114

■ 5.8830, 6.7794,
14.0676

230.6662,
249.3488, 334.5689

■ 2.8140, 3.3245,
8.0284

277.9662,

■ 1.0562, 1.3034,

299.9917, 397.6847

4.0251

331.3269,
357.0655, 468.2775

■ 0.0000, 0.1439,
1.6391

■ 0.0000, 0.0000,
0.3185

■ 53.6818, 59.0142,
89.4505

■ 53.6818, 59.0142,
89.4505

■ 46.6742, 51.7879,
88.4260

■ 61.7840, 67.0536,
90.5762

■ 40.7017, 45.3351,
87.4953

■ 71.0254, 75.9294,
91.8024

■ 35.7072, 39.6229,
86.6560

■ 81.4545, 85.6724,
93.1333

■ 31.6252, 34.6125,
85.9040

■ 90.4151, 94.9177,
94.4455

■ 28.3814, 30.2606,
85.2350

■ 92.4328, 98.9531,
95.1181

■ 25.8875, 26.5162,
84.6437

■ 23.9999, 23.2998,
84.1223

■ 23.9705, 23.2486,
84.1140

Harmonies

Analogous

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



50.2649, 59.0142, 81.5754



53.6818, 59.0142, 89.4505



57.9168, 59.0142, 90.0629

Triad

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



53.6818, 59.0142, 89.4505



64.4972, 59.0142, 59.2214



50.7007, 59.0142, 48.4627

Complementary

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



53.6818, 59.0142, 89.4505



62.4299, 61.3560, 45.1132

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.



54.3044, 59.0142, 43.9205



53.6818, 59.0142, 89.4505



62.3513, 59.0142, 49.5806

Square

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



53.6818, 59.0142, 89.4505



64.3096, 59.0142, 71.5155



58.5717, 59.0142, 44.3019



48.6047, 59.0142, 57.5060

Rectangle

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



53.6818, 59.0142, 89.4505



60.6489, 59.0142, 86.1703



58.5717, 59.0142, 44.3019



51.7678, 59.0142, 46.4136

Sweetspot

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



53.6836, 59.0165, 89.4519



83.9914, 89.6770, 107.4903



56.6784, 73.4323, 64.4731



17.6180, 18.8542, 22.9606



0.0000, 0.0000, 0.0000



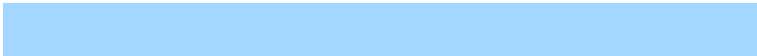
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6836, 59.0165, 89.4519



57.4755, 63.5881, 103.8522



46.0723, 43.7938, 86.9147



15.6362, 16.7065, 20.1222



13.5041, 13.2325, 46.9703



1.2223, 1.2985, 3.9404

Inverse Universe

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



60.3426, 50.3212, 65.5666



66.6283, 52.4277, 70.8444



71.4506, 79.3973, 48.1201



16.1458, 15.9080, 18.3241



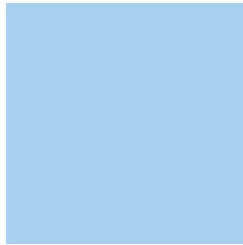
22.1419, 11.1292, 13.9295



1.8919, 0.9458, 1.4215

Previews

White Background



This preview shows how the XYZ color 53.6818, 59.0142, 89.4505 looks on a white background.

Color Contrast Check

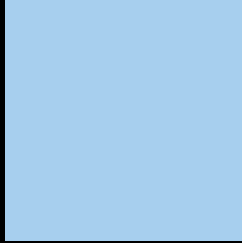
Large Text (above 18pt) WCAG AA × Fail

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 53.6818, 59.0142, 89.4505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

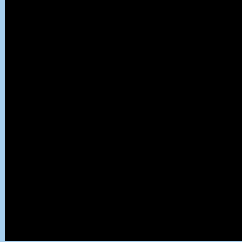
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6818, 59.0142, 89.4505

Background



This preview shows how black text looks on a background with the XYZ color 53.6818, 59.0142, 89.4505.



This preview shows how white text looks on a background with the XYZ color 53.6818, 59.0142,

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

53.6818, 59.0142, 89.4505

Protanopia

57.8679, 58.7938, 85.3892

Deuteranopia

60.0515, 58.7803, 90.6188



Tritanopia

51.8378, 58.9844, 80.6045

Trichromacy



Original Color

53.6818, 59.0142, 89.4505

Protanomaly

56.3589, 59.0243, 87.0197

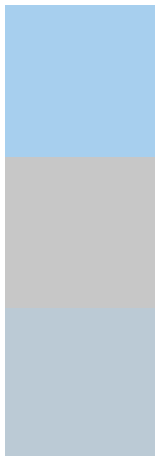
Deuteranomaly

57.4529, 58.8241, 89.9874

Tritanomaly

52.3559, 58.8243, 83.4577

Monochromacy



Original Color

53.6818, 59.0142, 89.4505

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.6243, 57.6100, 71.2443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6818, 59.0142, 89.4505 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(167, 207, 238)` looks like.

```
.text, #text, p{  
    color:rgb(167, 207, 238)  
}
```

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(167, 207, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 207, 238) }
```

Border

The CSS property to change the border of an element to XYZ 53.6818, 59.0142, 89.4505 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(167, 207, 238) }
```


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

```
.border{ border-color:rgb(167, 207, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 207, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 207, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 207, 238);  
box-shadow:4px 4px 4px 4px rgb(167, 207,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6818, 59.0142, 89.4505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 207, 238) }
```

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

```
.background{ background-color: rgb(167,  
207, 238) }
```

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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