

Converting Colors

XYZ(54.2323, 57.5281, 89.1346)

Have a look what the booklet for
XYZ(54.2323, 57.5281, 89.1346)
contains.

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Color

**XYZ(54.2323, 57.5281,
89.1346)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCAEE
RGB	175, 202, 238
RGB Percent	69%, 79%, 93%
CMY	0.3137, 0.2078, 0.0667
CMYK	0.26, 0.15, 0.00, 0.07
HSL	214°, 65%, 81%
HSV	214°, 26%, 93%
XYZ	54.2323, 57.5281, 89.1346
YIQ	198.0310, -27.6480, 5.4720

Conversions

Conversions Part 2

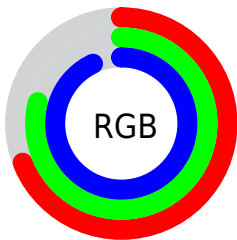
Format	Color
R_{YB}	175, 194, 238
Decimal	11520750
CIE _{Lab}	80.48, -1.13, -20.76
CIE _{LCh}	80, 20.787, 266.870
Yxy	57.5281, 0.2700, 0.2864
Android (android.graphics.Color)	4289710830 (0xFFAFCAEE)
YUV	198.0310, 19.7047, -20.1982
Hunter-Lab	75.8473, -5.1017, -16.5836

Details

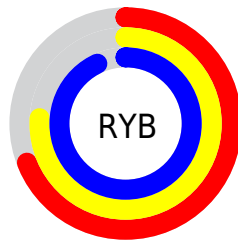
The XYZ color **54.2323, 57.5281, 89.1346** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.2926, 67.8610, 50.1633**, and the grayscale version is **53.5929, 56.3839, 61.4020**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **26.9186, 28.6222, 48.3618** is the 20% darker color. If you saturate the color by 10%, you get **46.3028, 48.9115, 87.8903**, and if you desaturate by 10%, it is **63.3881, 67.1970, 90.5193**.

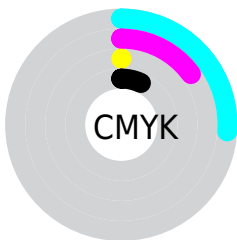
Distribution



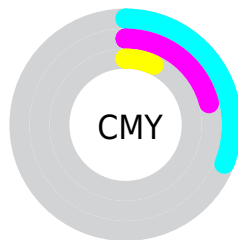
- Red (69%)
- Green (79%)
- Blue (93%)



- Red (69%)
- Yellow (76%)
- Blue (93%)



- Cyan (26%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (31%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2323, 57.5281, 89.1346 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 54.2323, 57.5281, 89.1346 by changing the saturation by 10% instead.

■ 54.2323, 57.5281,
89.1346

■ 54.2323, 57.5281,
89.1346

393.1791,
415.4252, 545.7090

■ 39.0188, 41.4294,
66.6934

■ 95.5701, 101.2353,
148.0607

■ 26.9552, 28.6548,
48.3755

122.4252,
129.6127, 185.3828

■ 17.6760, 18.8198,
33.7623

153.8915,
162.8516, 228.5022

■ 10.8159, 11.5401,
22.4351

190.3344,
201.3367, 277.8376

■ 6.0095, 6.4314,
13.9756

232.1193,
245.4522, 333.8074

■ 2.8916, 3.1091,
7.9651

279.6115,

■ 1.0967, 1.1890,

295.5825, 396.8302

3.9852

333.1763,
352.1120, 467.3246

■ 0.0224, 0.0527,
1.6172

■ 0.0000, 0.0000,
0.3031

■ 54.2323, 57.5281,
89.1346

■ 54.2323, 57.5281,
89.1346

■ 46.3028, 48.9115,
87.8903

■ 63.3881, 67.1970,
90.5193

■ 39.5374, 41.3004,
86.7778

■ 73.8174, 77.9490,
92.0449

■ 33.8766, 34.6544,
85.7934

■ 85.5717, 89.8216,
93.7171

■ 29.2528, 28.9267,
84.9315

■ 92.4328, 98.9531,
95.1180

■ 25.5900, 24.0663,
84.1864

■ 22.8005, 20.0149,
83.5514

■ 20.7758, 16.7030,
83.0189

■ 20.1850, 15.6775,
82.8521

Harmonies

Analogous

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



50.3186, 57.5281, 84.4343



54.2323, 57.5281, 89.1346



58.4692, 57.5281, 86.0084

Triad

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



54.2323, 57.5281, 89.1346



62.3242, 57.5281, 52.6125



48.0954, 57.5281, 50.6604

Complementary

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



54.2323, 57.5281, 89.1346



66.2926, 67.8610, 50.1633

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.



51.0557, 57.5281, 43.9387



54.2323, 57.5281, 89.1346



59.2837, 57.5281, 44.9586

Square

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



54.2323, 57.5281, 89.1346



63.2818, 57.5281, 63.9291



55.1276, 57.5281, 41.9940



46.8930, 57.5281, 61.3650

Rectangle

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



54.2323, 57.5281, 89.1346



60.8840, 57.5281, 80.1036



55.1276, 57.5281, 41.9940



48.9101, 57.5281, 47.9163

Sweetspot

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



54.2341, 57.5304, 89.1359



84.3325, 89.1212, 107.3650



59.9752, 74.9523, 72.7384



17.6432, 18.6579, 22.9214



0.0000, 0.0000, 0.0000



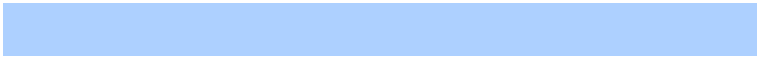
20.3446, 21.4041, 23.3091

Same Dimension

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



54.2341, 57.5304, 89.1359



58.0194, 61.4443, 103.4097



49.4005, 46.4419, 87.2504



15.4543, 16.3428, 20.0615



11.3837, 8.9916, 46.2634



1.0438, 0.9416, 3.8810

Inverse Universe

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



61.2520, 53.1028, 62.9012



67.6917, 55.8733, 67.1330



72.1795, 81.7039, 52.5250



16.0540, 15.8713, 17.8407



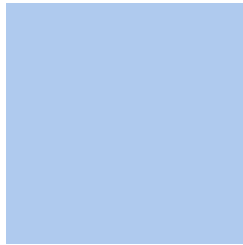
21.0716, 10.7011, 8.2934



1.8018, 0.9098, 0.9472

Previews

White Background



This preview shows how the XYZ color 54.2323, 57.5281, 89.1346 looks on a white background.

Color Contrast Check

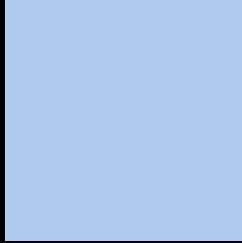
Large Text (above 18pt) WCAG AA × Fail

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 54.2323, 57.5281, 89.1346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

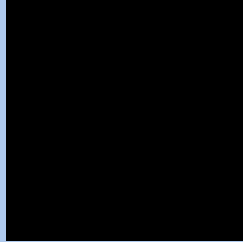
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

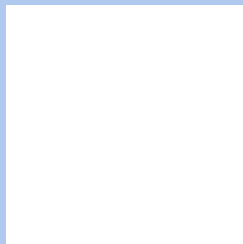
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2323, 57.5281, 89.1346

Background



This preview shows how black text looks on a background with the XYZ color 54.2323, 57.5281, 89.1346.



This preview shows how white text looks on a background with the XYZ color 54.2323, 57.5281,

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

54.2323, 57.5281, 89.1346

Protanopia

56.9277, 57.5928, 86.7134

Deuteranopia

58.6483, 57.4043, 89.6504



Tritanopia

51.8957, 57.6538, 76.7997

Trichromacy



Original Color

54.2323, 57.5281, 89.1346

Protanomaly

55.8134, 57.3421, 87.4833

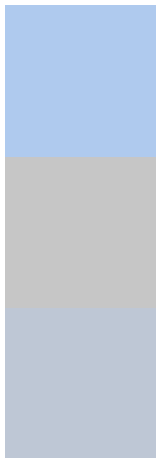
Deuteranomaly

57.0093, 57.5673, 89.7682

Tritanomaly

52.6916, 57.6160, 81.0169

Monochromacy



Original Color

54.2323, 57.5281, 89.1346

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.6689, 56.5981, 71.0467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2323, 57.5281, 89.1346 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(175, 202, 238)` looks like.

```
.text, #text, p{  
    color:rgb(175, 202, 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(175, 202, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 202, 238) }
```

Border

The CSS property to change the border of an element to XYZ 54.2323, 57.5281, 89.1346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

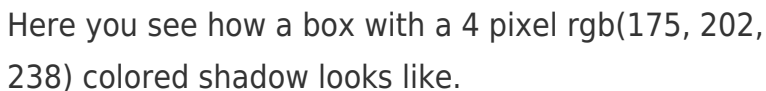
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 202, 238) }
```


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

```
.border{ border-color:rgb(175, 202, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 202, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 202, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 202, 238); box-shadow:4px 4px 4px 4px rgb(175, 202, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2323, 57.5281, 89.1346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 202, 238) }
```

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

```
.background{ background-color: rgb(175,  
202, 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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