

Converting Colors

XYZ(54.7500, 57.9410, 92.2998)

Have a look what the booklet for
XYZ(54.7500, 57.9410, 92.2998)
contains.

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Color

**XYZ(54.8385, 58.1213,
92.3326)**

Conversions

Conversions Part 1

Format	Color
Hex	AECBF2
RGB	174, 203, 242
RGB Percent	68%, 80%, 95%
CMY	0.3176, 0.2039, 0.0510
CMYK	0.28, 0.16, 0.00, 0.05
HSL	214°, 72%, 82%
HSV	214°, 28%, 95%
XYZ	54.8385, 58.1213, 92.3326
YIQ	198.7750, -29.8030, 5.9810

Conversions

Conversions Part 2

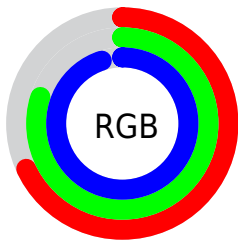
Format	Color
RYB	174, 194, 242
Decimal	11455474
CIELab	80.81, -1.02, -22.40
CIElCh	81, 22.421, 267.393
Yxy	58.1213, 0.2671, 0.2831
Android (android.graphics.Color)	4289645554 (0xFFAECBF2)
YUV	198.7750, 21.3099, -21.7277
Hunter-Lab	76.2373, -5.0180, -18.4412

Details

The XYZ color **54.8385, 58.1213, 92.3326** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.0531, 69.5224, 49.8785**, and the grayscale version is **54.0371, 56.8512, 61.9110**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **27.3561, 29.0331, 50.6165** is the 20% darker color. If you saturate the color by 10%, you get **46.7931, 49.3252, 91.0598**, and if you desaturate by 10%, it is **64.1522, 68.0096, 93.7513**.

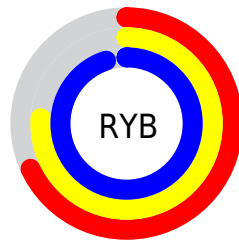
Distribution



Red (68%)

Green (80%)

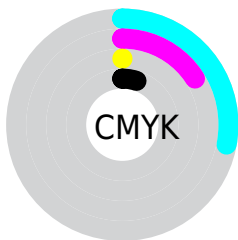
Blue (95%)



Red (68%)

Yellow (76%)

Blue (95%)

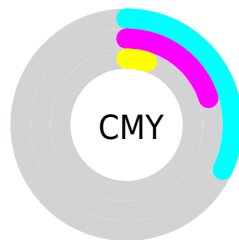


Cyan (28%)

Magenta (16%)

Yellow (0%)

Black (5%)



Cyan (32%)

Magenta (20%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8385, 58.1213, 92.3326 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 54.8385, 58.1213, 92.3326 by changing the saturation by 10% instead.

■ 54.8385, 58.1213,
92.3326

■ 54.8385, 58.1213,
92.3326

395.4458,
417.6378, 556.3545

■ 39.5058, 41.9062,
69.3323

■ 96.4540, 102.0995,
152.5380

■ 27.3359, 29.0278,
50.5090

123.4675,
130.6313, 190.5802

■ 17.9635, 19.1019,
35.4440

155.1052,
164.0375, 234.4734

■ 11.0233, 11.7439,
23.7188

191.7326,
202.7025, 284.6363

■ 6.1500, 6.5696,
14.9149

233.7150,
247.0106, 341.4873

■ 2.9780, 3.1944,
8.6137

281.4178,

■ 1.1421, 1.2340,

297.3462, 405.4450

4.3967

335.2063,
354.0938, 476.9279

■ 0.0599, 0.0892,
1.8454

■ 0.0000, 0.0000,
0.4577

■ 54.8385, 58.1213,
92.3326

■ 54.8385, 58.1213,
92.3326

■ 46.7931, 49.3252,
91.0598

■ 64.1522, 68.0096,
93.7513

■ 39.9508, 41.5721,
89.9239

■ 74.7844, 79.0228,
95.3167

■ 34.2483, 34.8191,
88.9210

■ 86.7892, 91.2007,
97.0346

■ 29.6139, 29.0166,
88.0453

■ 93.0272, 99.1909,
98.2480

■ 25.9667, 24.1101,
87.2905

■ 23.2124, 20.0373,
86.6495

■ 21.2235, 16.7180,
86.1136

■ 20.8985, 16.1535,
86.0218

Harmonies

Analogous

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



50.5815, 58.1213, 87.2904



54.8385, 58.1213, 92.3326



59.4418, 58.1213, 88.7357

Triad

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



54.8385, 58.1213, 92.3326



63.5322, 58.1213, 52.2607



48.0756, 58.1213, 50.5121

Complementary

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



54.8385, 58.1213, 92.3326



68.0531, 69.5224, 49.8785

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.



51.2459, 58.1213, 43.2340



54.8385, 58.1213, 92.3326



60.1815, 58.1213, 44.1401

Square

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



54.8385, 58.1213, 92.3326



64.6243, 58.1213, 64.4513



55.6486, 58.1213, 41.0734



46.8158, 58.1213, 62.1313

Rectangle

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



54.8385, 58.1213, 92.3326



62.0593, 58.1213, 82.1665



55.6486, 58.1213, 41.0734



48.9442, 58.1213, 47.5419

Sweetspot

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



54.8403, 58.1236, 92.3339



84.3196, 89.0953, 107.3607



61.1601, 77.2846, 74.3360



17.6399, 18.6514, 22.9203



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.



54.8403, 58.1236, 92.3339



56.1600, 59.3730, 103.1079



49.6473, 46.2128, 90.3086



15.4515, 16.3371, 20.0606



11.3559, 8.9360, 46.2542



1.0414, 0.9367, 3.8801

Inverse Universe

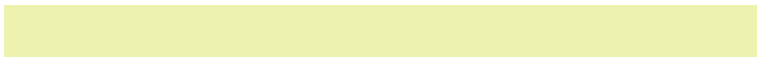
The Inverse Universe completely reimagines the original color for something new.



62.5350, 53.4628, 63.5257



66.3510, 53.7973, 64.8198



74.4743, 84.6463, 52.4592



16.0526, 15.8707, 17.8331



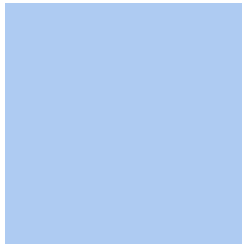
21.0575, 10.6954, 8.2196



1.8006, 0.9093, 0.9407

Previews

White Background



This preview shows how the XYZ color 54.8385, 58.1213, 92.3326 looks on a white background.

Color Contrast Check

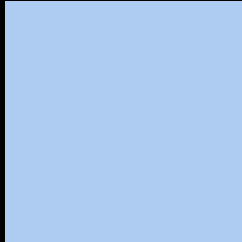
Large Text (above 18pt) WCAG AA × Fail

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 54.8385, 58.1213, 92.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

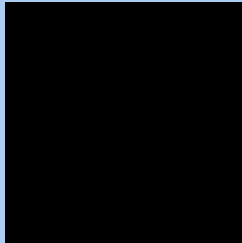
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

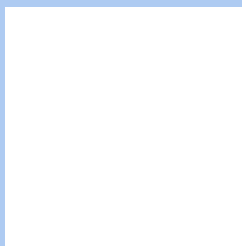
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8385, 58.1213, 92.3326

Background



This preview shows how black text looks on a background with the XYZ color 54.8385, 58.1213, 92.3326.



This preview shows how white text looks on a background with the XYZ color 54.8385, 58.1213,

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

54.8385, 58.1213, 92.3326

Protanopia

57.5123, 57.8266, 89.7918

Deuteranopia

59.2063, 57.9567, 92.8603



Tritanopia

51.9682, 58.0164, 78.2713

Trichromacy



Original Color

54.8385, 58.1213, 92.3326

Protanomaly

56.3900, 57.9141, 90.6445

Deuteranomaly

57.5874, 58.1367, 92.9804

Tritanomaly

52.9088, 58.0337, 83.2760

Monochromacy



Original Color

54.8385, 58.1213, 92.3326

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.1552, 57.1620, 72.4691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8385, 58.1213, 92.3326 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(174, 203, 242)` looks like.

```
.text, #text, p{  
    color:rgb(174, 203, 242)  
}
```

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(174, 203, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 203, 242) }
```

Border

The CSS property to change the border of an element to XYZ 54.8385, 58.1213, 92.3326 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(174, 203, 242) }
```


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

```
.border{ border-color:rgb(174, 203, 242) }
```

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

Here you see how a box with a 4 pixel rgb(174, 203, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 203, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 203, 242);  
box-shadow:4px 4px 4px 4px rgb(174, 203,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8385, 58.1213, 92.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 203, 242) }
```

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

```
.background{ background-color: rgb(174,  
203, 242) }
```

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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