

Converting Colors

XYZ(54.0068, 56.6813, 94.6109)

Have a look what the booklet for
XYZ(54.0068, 56.6813, 94.6109)
contains.

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Color

**XYZ(53.9303, 56.5591,
94.4608)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC8F5
RGB	171, 200, 245
RGB Percent	67%, 78%, 96%
CMY	0.3294, 0.2157, 0.0392
CMYK	0.30, 0.18, 0.00, 0.04
HSL	216°, 79%, 82%
HSV	216°, 30%, 96%
XYZ	53.9303, 56.5591, 94.4608
YIQ	196.4590, -31.7290, 7.8470

Conversions

Conversions Part 2

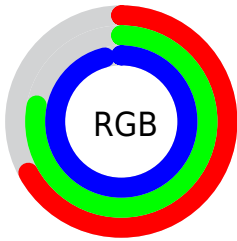
Format	Color
R_{YB}	171, 192, 245
Decimal	11258101
CIE Lab	79.93, 0.44, -25.35
CIE LCh	80, 25.354, 270.999
Yxy	56.5591, 0.2631, 0.2760
Android (android.graphics.Color)	4289448181 (0xFFABC8F5)
YUV	196.4590, 23.9307, -22.3275
Hunter-Lab	75.2058, -3.6072, -21.8260

Details

The XYZ color **53.9303, 56.5591, 94.4608** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.5636, 71.4651, 48.6574**, and the grayscale version is **52.6208, 55.3611, 60.2883**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **26.8003, 28.0138, 52.1388** is the 20% darker color. If you saturate the color by 10%, you get **45.7964, 47.4920, 93.1404**, and if you desaturate by 10%, it is **63.3931, 66.8130, 95.9422**.

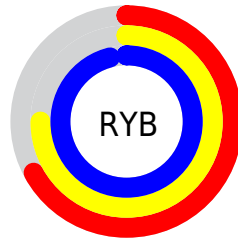
Distribution



Red (67%)

Green (78%)

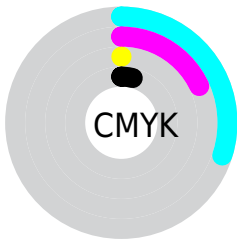
Blue (96%)



Red (67%)

Yellow (75%)

Blue (96%)

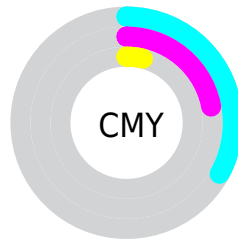


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (22%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9303, 56.5591, 94.4608 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 53.9303, 56.5591, 94.4608 by changing the saturation by 10% instead.

■ 53.9303, 56.5591,
94.4608

■ 53.9303, 56.5591,
94.4608

392.0469,
411.7951, 563.3775

■ 38.7764, 40.6514,
71.0919

■ 95.1294, 99.8216,
155.5086

■ 26.7658, 28.0468,
51.9349

121.9053,
127.9451, 194.0246

■ 17.5331, 18.3609,
36.5713

153.2859,
160.9093, 238.4267

■ 10.7129, 11.2094,
24.5826

189.6365,
199.0987, 289.1334

■ 5.9400, 6.2079,
15.5501

231.3226,
242.8976, 346.5633

■ 2.8489, 2.9719,
9.0555

278.7094,

■ 1.0744, 1.1171,

292.6903, 411.1350

4.6801

332.1624,
348.8614, 483.2668

■ 0.0035, 0.0000,
2.0054

■ 0.0000, 0.0000,
0.5586

■ 53.9303, 56.5591,
94.4608

■ 53.9303, 56.5591,
94.4608

■ 45.7964, 47.4920,
93.1404

■ 63.3931, 66.8130,
95.9422

■ 38.9217, 39.5578,
91.9712

■ 74.2392, 78.2914,
97.5861

■ 33.2380, 32.7075,
90.9486

■ 86.5262, 91.0386,
99.3990

■ 28.6677, 26.8858,
90.0657

■ 93.4816, 99.3726,
100.6410

■ 25.1231, 22.0307,
89.3154

■ 22.5008, 18.0718,
88.6895

■ 20.6662, 14.9619,
88.1859

Harmonies

Analogous

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



49.1046, 56.5591, 89.8216



53.9303, 56.5591, 94.4608



59.0131, 56.5591, 89.1881

Triad

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



53.9303, 56.5591, 94.4608



62.6873, 56.5591, 48.1189



45.5646, 56.5591, 48.8480

Complementary

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



53.9303, 56.5591, 94.4608



69.5636, 71.4651, 48.6574

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.



48.8240, 56.5591, 40.3578



53.9303, 56.5591, 94.4608



58.6959, 56.5591, 39.9864

Square

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



53.9303, 56.5591, 94.4608



64.2634, 56.5591, 61.0909



53.5855, 56.5591, 37.3855



44.4644, 56.5591, 62.0783

Rectangle

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



53.9303, 56.5591, 94.4608



61.8145, 56.5591, 81.1809



53.5855, 56.5591, 37.3855



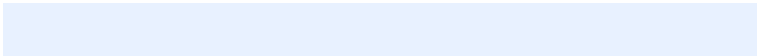
46.4333, 56.5591, 45.4244

Sweetspot

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



53.9321, 56.5613, 94.4621



82.8134, 87.3211, 107.0977



61.7656, 78.8909, 76.5332



17.3282, 18.2746, 22.8640



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.



53.9321, 56.5613, 94.4621



53.6595, 55.9563, 102.5802



49.4979, 45.2324, 92.5091



16.1139, 16.9920, 20.9731



11.2584, 8.3107, 47.5488



1.0865, 0.9244, 4.2114

Inverse Universe

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



62.6459, 52.7101, 61.5183



64.7022, 51.6572, 60.7016



75.1300, 86.3542, 51.2379



16.7680, 16.5901, 18.5251



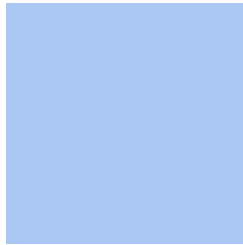
21.4873, 10.9383, 7.2742



1.9375, 0.9810, 0.8971

Previews

White Background



This preview shows how the XYZ color 53.9303, 56.5591, 94.4608 looks on a white background.

Color Contrast Check

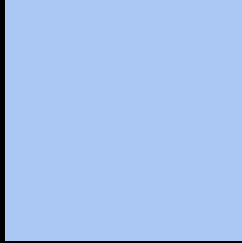
Large Text (above 18pt) WCAG AA × Fail

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 53.9303, 56.5591, 94.4608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

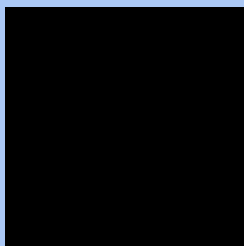
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

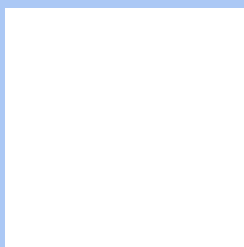
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9303, 56.5591, 94.4608

Background



This preview shows how black text looks on a background with the XYZ color 53.9303, 56.5591, 94.4608.



This preview shows how white text looks on a background with the XYZ color 53.9303, 56.5591,

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

53.9303, 56.5591, 94.4608

Protanopia

56.2605, 56.4555, 91.9361

Deuteranopia

57.6646, 56.4439, 95.0443



Tritanopia

50.3699, 56.5132, 76.6600

Trichromacy



Original Color

53.9303, 56.5591, 94.4608

Protanomaly

55.2000, 56.2273, 92.7376

Deuteranomaly

56.1416, 56.3240, 95.1014

Tritanomaly

51.7873, 56.7499, 83.0872

Monochromacy



Original Color

53.9303, 56.5591, 94.4608

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.5974, 55.3523, 71.5302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9303, 56.5591, 94.4608 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(171, 200, 245)` looks like.

```
.text, #text, p{  
    color:rgb(171, 200, 245)  
}
```

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(171, 200, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 200, 245) }
```

Border

The CSS property to change the border of an element to XYZ 53.9303, 56.5591, 94.4608 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(171, 200, 245) }
```


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

```
.border{ border-color:rgb(171, 200, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 200, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 200, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 200, 245);  
box-shadow:4px 4px 4px 4px rgb(171, 200,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9303, 56.5591, 94.4608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 200, 245) }
```

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

```
.background{ background-color: rgb(171,  
200, 245) }
```

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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