

Converting Colors

XYZ(54.9917, 54.9284, 93.6724)

Have a look what the booklet for
XYZ(54.9917, 54.9284, 93.6724)
contains.

XYZ(54.9123, 55.0603, 93.3215)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.9123, 55.0603,
93.3215)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C2F4
RGB	182, 194, 244
RGB Percent	71%, 76%, 96%
CMY	0.2863, 0.2392, 0.0431
CMYK	0.25, 0.20, 0.00, 0.04
HSL	228°, 74%, 84%
HSV	228°, 25%, 96%
XYZ	54.9123, 55.0603, 93.3215
YIQ	196.1120, -23.2020, 13.0060

Conversions

Conversions Part 2

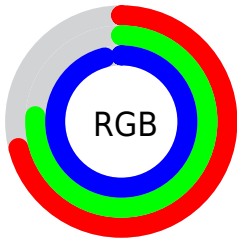
Format	Color
R_{YB}	182, 192, 244
Decimal	11977460
CIE Lab	79.08, 6.62, -26.05
CIE LCh	79, 26.883, 284.266
Yxy	55.0603, 0.2701, 0.2708
Android (android.graphics.Color)	4290167540 (0xFFB6C2F4)
YUV	196.1120, 23.6088, -12.3762
Hunter-Lab	74.2026, 2.2411, -22.6247

Details

The XYZ color **54.9123, 55.0603, 93.3215** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.6091, 80.3241, 55.8293**, and the grayscale version is **52.4107, 55.1402, 60.0477**.

A 20% lighter version of the original color is **87.8322, 93.9419, 108.1111**, and **27.5041, 27.2698, 51.3909** is the 20% darker color. If you saturate the color by 10%, you get **45.5512, 44.1592, 91.7117**, and if you desaturate by 10%, it is **65.8608, 67.6431, 95.1741**.

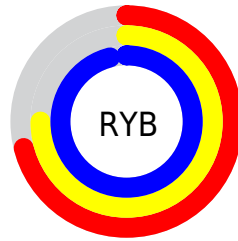
Distribution



Red (71%)

Green (76%)

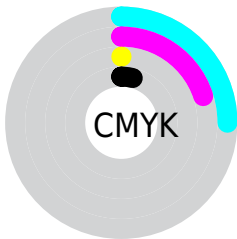
Blue (96%)



Red (71%)

Yellow (75%)

Blue (96%)

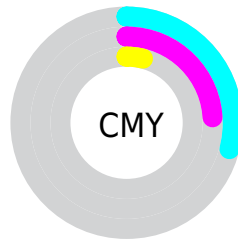


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (24%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9123, 55.0603, 93.3215 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 54.9123, 55.0603, 93.3215 by changing the saturation by 10% instead.

■ 54.9123, 55.0603,
93.3215

■ 54.9123, 55.0603,
93.3215

395.7212,
406.1405, 559.6238

■ 39.5651, 39.4500,
70.1496

■ 96.5615, 97.6293,
153.9192

■ 27.3823, 27.1100,
51.1709

123.5942,
125.3568, 192.1821

■ 17.9986, 17.6558,
35.9670

155.2528,
157.8921, 236.3124

■ 11.0487, 10.7032,
24.1192

191.9026,
195.6197, 286.7286

■ 6.1671, 5.8676,
15.2091

233.9090,
238.9240, 343.8493

■ 2.9886, 2.7647,
8.8180

281.6373,

■ 1.1477, 1.0102,

288.1892, 408.0931

4.5275

335.4530,
343.7999, 479.8784

■ 0.0645, 0.0000,
1.9189

■ 0.0000, 0.0000,
0.5047

■ 54.9123, 55.0603,
93.3215

■ 54.9123, 55.0603,
93.3215

■ 45.5512, 44.1592,
91.7117

■ 65.8608, 67.6431,
95.1741

■ 37.6974, 34.8612,
90.3309

■ 78.4611, 81.9686,
97.2751

■ 31.2719, 27.0909,
89.1698

■ 92.7056, 98.0643,
99.6311

■ 26.1862, 20.7643,
88.2167

■ 93.3293, 99.3117,
99.8390

■ 22.3411, 15.7889,
87.4590

■ 19.6235, 12.0606,
86.8826

■ 17.8971, 9.4584,
86.4713

■ 17.3551, 8.5833,
86.3310

Harmonies

Analogous

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



49.5897, 55.0603, 93.0590



54.9123, 55.0603, 93.3215



59.8559, 55.0603, 83.6510

Triad

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



54.9123, 55.0603, 93.3215



60.0603, 55.0603, 41.6304



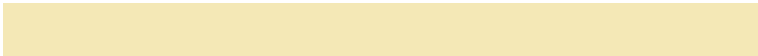
43.0328, 55.0603, 52.3033

Complementary

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



54.9123, 55.0603, 93.3215



74.6091, 80.3241, 55.8293

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.



45.4687, 55.0603, 41.2127



54.9123, 55.0603, 93.3215



55.1760, 55.0603, 35.8066

Square

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



54.9123, 55.0603, 93.3215



62.9626, 55.0603, 52.9728



49.8361, 55.0603, 35.6680



42.9729, 55.0603, 67.5173

Rectangle

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



54.9123, 55.0603, 93.3215



62.1697, 55.0603, 73.6918



49.8361, 55.0603, 35.6680



43.5931, 55.0603, 48.0347

Sweetspot

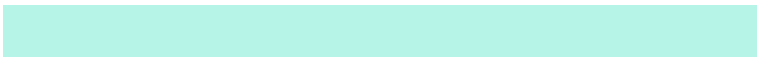
The Sweet Spot groups the original color and five complimentary colors.



54.9141, 55.0625, 93.3228



82.9136, 86.2833, 106.8921



66.1521, 80.4511, 88.0895



17.2876, 17.9467, 22.8029



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.



54.9141, 55.0625, 93.3228



55.6632, 55.0206, 102.2940



57.0385, 52.3513, 92.6875



15.8408, 16.4458, 20.8820



9.5108, 4.8153, 46.9662



0.9041, 0.5597, 4.1506

Inverse Universe

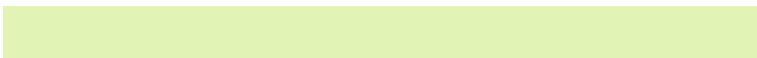
The Inverse Universe completely reimagines the original color for something new.



63.7752, 56.5856, 58.6021



66.9201, 57.1642, 58.1393



71.9716, 84.1518, 56.7071



16.6302, 16.5349, 17.7993



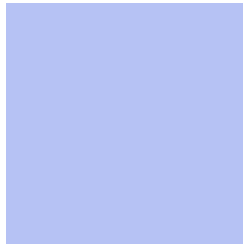
20.6051, 10.5855, 2.6289



1.8454, 0.9441, 0.4124

Previews

White Background



This preview shows how the XYZ color 54.9123, 55.0603, 93.3215 looks on a white background.

Color Contrast Check

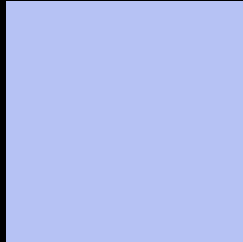
Large Text (above 18pt) WCAG AA × Fail

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 54.9123, 55.0603, 93.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

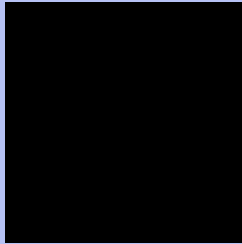
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9123, 55.0603, 93.3215

Background



This preview shows how black text looks on a background with the XYZ color 54.9123, 55.0603, 93.3215.



This preview shows how white text looks on a background with the XYZ color 54.9123, 55.0603,

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

54.9123, 55.0603, 93.3215

Protanopia

55.3881, 55.3056, 93.3437

Deuteranopia

56.1650, 55.0497, 93.2534



Tritanopia

50.5937, 54.9833, 72.2362

Trichromacy



Original Color

54.9123, 55.0603, 93.3215

Protanomaly

55.1494, 55.1825, 93.3326

Deuteranomaly

55.6488, 55.1107, 93.2924

Tritanomaly

52.0538, 54.8885, 79.8025

Monochromacy



Original Color

54.9123, 55.0603, 93.3215

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.0112, 54.9107, 70.7556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9123, 55.0603, 93.3215 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(182, 194, 244)` looks like.

```
.text, #text, p{  
    color:rgb(182, 194, 244)  
}
```

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(182, 194, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 194, 244) }
```

Border

The CSS property to change the border of an element to XYZ 54.9123, 55.0603, 93.3215 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(182, 194, 244) }
```


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

```
.border{ border-color:rgb(182, 194, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 194, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 194, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 194, 244);  
box-shadow:4px 4px 4px 4px rgb(182, 194,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9123, 55.0603, 93.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 194, 244) }
```

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

```
.background{ background-color: rgb(182,  
194, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor