

Converting Colors

XYZ(54.8247, 54.5640, 95.9215)

Have a look what the booklet for
XYZ(54.8247, 54.5640, 95.9215)
contains.

XYZ(54.9145, 54.6791, 95.6555)	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(54.9145, 54.6791,
95.6555)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C1F7
RGB	181, 193, 247
RGB Percent	71%, 76%, 97%
CMY	0.2902, 0.2431, 0.0314
CMYK	0.27, 0.22, 0.00, 0.03
HSL	229°, 80%, 84%
HSV	229°, 27%, 97%
XYZ	54.9145, 54.6791, 95.6555
YIQ	195.5680, -24.4860, 14.2500

Conversions

Conversions Part 2

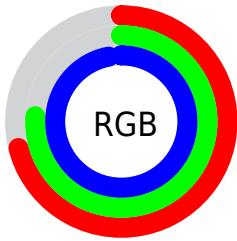
Format	Color
R_{YB}	181, 191, 247
Decimal	11911671
CIE _{Lab}	78.86, 7.58, -28.00
CIE _{LCh}	79, 29.011, 285.142
Yxy	54.6791, 0.2676, 0.2664
Android (android.graphics.Color)	4290101751 (0xFFB5C1F7)
YUV	195.5680, 25.3560, -12.7761
Hunter-Lab	73.9453, 3.1563, -24.9357

Details

The XYZ color **54.9145, 54.6791, 95.6555** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.4073, 82.5274, 55.6199**, and the grayscale version is **52.0758, 54.7878, 59.6640**.

A 20% lighter version of the original color is **87.1856, 93.1485, 107.9920**, and **27.4247, 26.9859, 52.4786** is the 20% darker color. If you saturate the color by 10%, you get **45.4620, 43.6223, 94.0205**, and if you desaturate by 10%, it is **66.0077, 67.4904, 97.5446**.

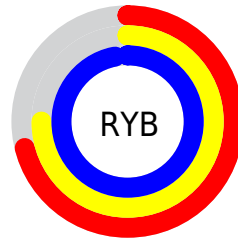
Distribution



Red (71%)

Green (76%)

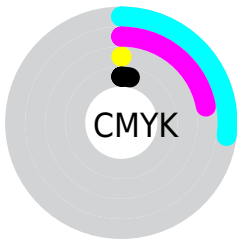
Blue (97%)



Red (71%)

Yellow (75%)

Blue (97%)

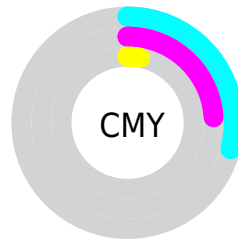


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (3%)



Cyan (29%)

Magenta (24%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9145, 54.6791, 95.6555 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 54.9145, 54.6791, 95.6555 by changing the saturation by 10% instead.

■ 54.9145, 54.6791,
95.6555

■ 54.9145, 54.6791,
95.6555

395.7294,
404.6944, 567.2992

■ 39.5668, 39.1449,
72.0808

■ 96.5647, 97.0706,
157.1733

■ 27.3837, 26.8724,
52.7374

123.5980,
124.6967, 195.9534

■ 17.9997, 17.4774,
37.2069

155.2572,
157.1222, 240.6390

■ 11.0494, 10.5755,
25.0707

191.9077,
194.7314, 291.6487

■ 6.1676, 5.7822,
15.9102

233.9148,
237.9089, 349.4011

■ 2.9889, 2.7131,
9.3070

281.6439,

■ 1.1479, 0.9838,

287.0389, 414.3146

4.8424

335.4603,
342.5060, 486.8078

■ 0.0646, 0.0000,
2.0980

■ 0.0000, 0.0000,
0.6146

■ 54.9145, 54.6791,
95.6555

■ 54.9145, 54.6791,
95.6555

■ 45.4620, 43.6223,
94.0205

■ 66.0077, 67.4904,
97.5446

■ 37.5661, 34.2364,
92.6250

■ 78.8097, 82.1219,
99.6940

■ 31.1430, 26.4405,
91.4587

■ 93.3532, 98.6245,
102.1128

■ 26.0989, 20.1441,
90.5093

■ 93.7887, 99.4955,
102.2580

■ 22.3285, 15.2476,
89.7629

■ 19.7109, 11.6383,
89.2041

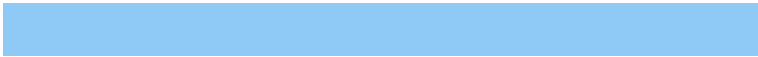
■ 18.0978, 9.1832,
88.8153

■ 17.7238, 8.5857,
88.7197

Harmonies

Analogous

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



49.1853, 54.6791, 95.7112



54.9145, 54.6791, 95.6555



60.2139, 54.6791, 84.7972

Triad

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



54.9145, 54.6791, 95.6555



60.1712, 54.6791, 39.7829



41.9944, 54.6791, 51.7757

Complementary

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



54.9145, 54.6791, 95.6555



76.4073, 82.5274, 55.6199

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.



44.5166, 54.6791, 39.8678



54.9145, 54.6791, 95.6555



54.8596, 54.6791, 33.8628

Square

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



54.9145, 54.6791, 95.6555



63.3978, 54.6791, 51.6377



49.1343, 54.6791, 33.8907



42.0067, 54.6791, 68.2017

Rectangle

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



54.9145, 54.6791, 95.6555



62.6690, 54.6791, 73.8730



49.1343, 54.6791, 33.8907



42.5652, 54.6791, 47.1859

Sweetspot

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



54.9163, 54.6813, 95.6568



82.8437, 86.1436, 106.8688



67.2990, 82.3388, 90.8686



17.2701, 17.9118, 22.7970



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.



54.9163, 54.6813, 95.6568



53.4063, 52.2181, 101.8720



57.6439, 52.3074, 95.0548



15.8249, 16.4140, 20.8767



9.4466, 4.6870, 46.9448



0.8962, 0.5439, 4.1480

Inverse Universe

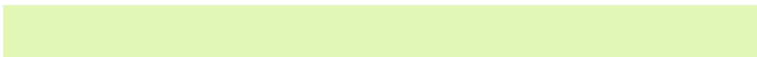
The Inverse Universe completely reimagines the original color for something new.



64.5087, 56.6737, 57.9936



65.3632, 54.9419, 54.8714



72.9978, 86.0437, 56.4784



16.6222, 16.5317, 17.7569



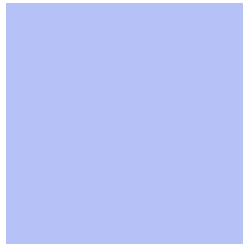
20.5727, 10.5725, 2.4584



1.8414, 0.9425, 0.3914

Previews

White Background



This preview shows how the XYZ color 54.9145, 54.6791, 95.6555 looks on a white background.

Color Contrast Check

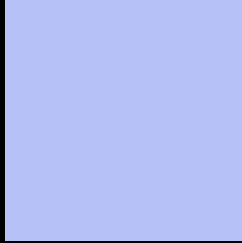
Large Text (above 18pt) WCAG AA × Fail

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 54.9145, 54.6791, 95.6555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

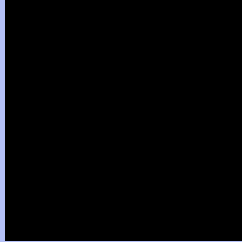
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9145, 54.6791, 95.6555

Background



This preview shows how black text looks on a background with the XYZ color 54.9145, 54.6791, 95.6555.



This preview shows how white text looks on a background with the XYZ color 54.9145, 54.6791,

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

54.9145, 54.6791, 95.6555

Protanopia

54.9145, 54.6791, 95.6555

Deuteranopia

55.9128, 54.5418, 95.5764



Tritanopia

50.1447, 54.7518, 72.2152

Trichromacy



Original Color

54.9145, 54.6791, 95.6555

Protanomaly

54.9145, 54.6791, 95.6555

Deuteranomaly

55.6457, 54.7290, 95.6266

Tritanomaly

51.9628, 54.8257, 80.5167

Monochromacy



Original Color

54.9145, 54.6791, 95.6555

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.2667, 55.0129, 72.1011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9145, 54.6791, 95.6555 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(181, 193, 247)` looks like.

```
.text, #text, p{  
    color:rgb(181, 193, 247)  
}
```

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(181, 193, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 193, 247) }
```

Border

The CSS property to change the border of an element to XYZ 54.9145, 54.6791, 95.6555 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(181, 193, 247) }
```


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

```
.border{ border-color:rgb(181, 193, 247) }
```

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

Here you see how a box with a 4 pixel rgb(181, 193, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 193, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 193, 247);  
box-shadow:4px 4px 4px 4px rgb(181, 193,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9145, 54.6791, 95.6555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 193, 247) }
```

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

```
.background{ background-color: rgb(181,  
193, 247) }
```

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