

Converting Colors

XYZ(54.4192, 52.1401, 95.2974)

Have a look what the booklet for
XYZ(54.4192, 52.1401, 95.2974)
contains.

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Color

**XYZ(54.3550, 52.1475,
95.1963)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BAF7
RGB	185, 186, 247
RGB Percent	73%, 73%, 97%
CMY	0.2745, 0.2706, 0.0314
CMYK	0.25, 0.25, 0.00, 0.03
HSL	239°, 79%, 85%
HSV	239°, 25%, 97%
XYZ	54.3550, 52.1475, 95.1963
YIQ	192.6550, -20.1770, 18.7590

Conversions

Conversions Part 2

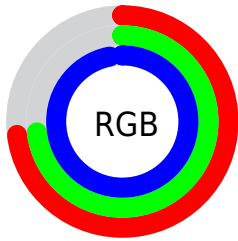
Format	Color
R _Y B	185, 186, 247
Decimal	12172023
CIE Lab	77.37, 12.57, -30.26
CIE LCh	77, 32.768, 292.555
Yxy	52.1475, 0.2695, 0.2585
Android (android.graphics.Color)	4290362103 (0xFFB9BAF7)
YUV	192.6550, 26.7921, -6.7134
Hunter-Lab	72.2132, 7.9841, -27.6108

Details

The XYZ color **54.3550, 52.1475, 95.1963** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.0713, 89.1889, 58.8956**, and the grayscale version is **50.3439, 52.9657, 57.6796**.

A 20% lighter version of the original color is **86.4201, 89.6015, 107.3477**, and **27.0419, 25.3181, 52.1768** is the 20% darker color. If you saturate the color by 10%, you get **44.2145, 39.9563, 93.3785**, and if you desaturate by 10%, it is **66.4046, 66.6176, 97.3551**.

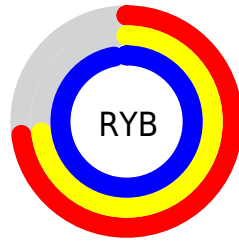
Distribution



Red (73%)

Green (73%)

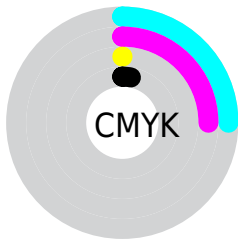
Blue (97%)



Red (73%)

Yellow (73%)

Blue (97%)

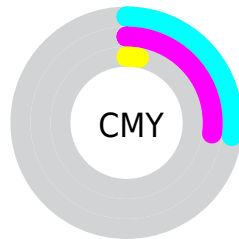


Cyan (25%)

Magenta (25%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (27%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3550, 52.1475, 95.1963 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 54.3550, 52.1475, 95.1963 by changing the saturation by 10% instead.

■ 54.3550, 52.1475,
95.1963

■ 54.3550, 52.1475,
95.1963

393.6386,
395.0058, 565.7936

■ 39.1173, 37.1227,
71.7006

■ 95.7491, 93.3487,
156.5337

■ 27.0322, 25.3025,
52.4288

122.6363,
120.2939, 195.2124

■ 17.7341, 16.3026,
36.9624

154.1374,
151.9813, 239.7893

■ 10.8578, 9.7385,
24.8828

190.6177,
188.7954, 290.6827

■ 6.0379, 5.2259,
15.7715

232.4426,
231.1205, 348.3113

■ 2.9090, 2.3804,
9.2100

279.9775,

■ 1.1058, 0.8158,

279.3410, 413.0937

4.7797

333.5877,
333.8413, 485.4482

■ 0.0300, 0.0000,
2.0622

■ 0.0000, 0.0000,
0.5931

■ 54.3550, 52.1475,
95.1963

■ 54.3550, 52.1475,
95.1963

■ 44.2145, 39.9563,
93.3785

■ 66.4046, 66.6176,
97.3551

■ 35.8804, 29.9221,
91.8810

■ 80.4487, 83.4679,
99.8673

■ 29.2482, 21.9212,
90.6862

■ 93.7887, 99.4955,
102.2579

■ 24.2007, 15.8148,
89.7736

■ 20.6058, 11.4467,
89.1199

■ 18.3099, 8.6359,
88.6984

■ 17.1254, 7.1618,
88.4763

■ 16.8319, 6.8020,
88.4223

Harmonies

Analogous

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



48.0125, 52.1475, 98.5658



54.3550, 52.1475, 95.1963



59.8113, 52.1475, 80.5768

Triad

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



54.3550, 52.1475, 95.1963



57.2957, 52.1475, 33.4609



38.5032, 52.1475, 52.4048

Complementary

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



54.3550, 52.1475, 95.1963



80.0713, 89.1889, 58.8956

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.



40.5606, 52.1475, 38.2004



54.3550, 52.1475, 95.1963



51.1498, 52.1475, 28.8718

Square

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



54.3550, 52.1475, 95.1963



61.6069, 52.1475, 44.4916



45.0643, 52.1475, 30.4015



39.2037, 52.1475, 71.1447

Rectangle

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



54.3550, 52.1475, 95.1963



62.0348, 52.1475, 67.8211



45.0643, 52.1475, 30.4015



38.8887, 52.1475, 47.0070

Sweetspot

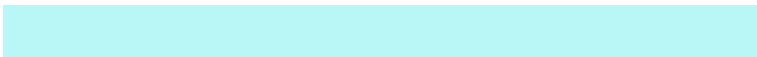
The Sweet Spot groups the original color and five complimentary colors.



54.3567, 52.1496, 95.1975



81.8671, 84.1903, 106.5432



69.8990, 83.4887, 99.5937



17.0265, 17.4247, 22.7159



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.



54.3567, 52.1496, 95.1975



52.7928, 49.2798, 101.3372



62.1534, 55.8570, 95.5022



15.6026, 15.9695, 20.8026



8.9115, 3.6168, 46.7664



0.7906, 0.3327, 4.1128

Inverse Universe

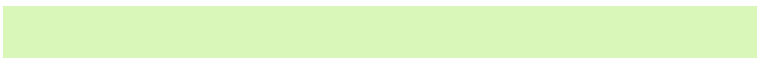
The Inverse Universe completely reimagines the original color for something new.



64.5711, 58.0189, 54.2520



65.4713, 56.5846, 50.5098



70.6441, 84.7822, 58.5419



16.5100, 16.4869, 17.1662



20.3026, 10.4645, 1.0361



1.7881, 0.9212, 0.1108

Previews

White Background



This preview shows how the XYZ color 54.3550, 52.1475, 95.1963 looks on a white background.

Color Contrast Check

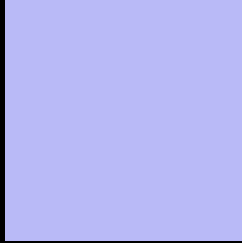
Large Text (above 18pt) WCAG AA × Fail

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 54.3550, 52.1475, 95.1963 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 54.3550, 52.1475, 95.1963

Background



This preview shows how black text looks on a background with the XYZ color 54.3550, 52.1475, 95.1963.

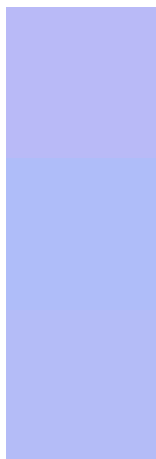


This preview shows how white text looks on a background with the XYZ color 54.3550, 52.1475,

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

54.3550, 52.1475, 95.1963

Protanopia

52.9757, 52.3487, 96.9347

Deuteranopia

53.5941, 52.3851, 95.2823



Tritanopia

48.5866, 52.0411, 67.1587

Trichromacy



Original Color

54.3550, 52.1475, 95.1963

Protanomaly

53.5169, 52.3275, 96.0865

Deuteranomaly

53.8502, 52.2011, 95.2333

Tritanomaly

50.4207, 51.8041, 76.4490

Monochromacy



Original Color

54.3550, 52.1475, 95.1963

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.6589, 52.5782, 70.3767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3550, 52.1475, 95.1963 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(185, 186, 247)` looks like.

```
.text, #text, p{  
    color:rgb(185, 186, 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(185, 186, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 186, 247) }
```

Border

The CSS property to change the border of an element to XYZ 54.3550, 52.1475, 95.1963 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(185, 186, 247) }
```


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

```
.border{ border-color:rgb(185, 186, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 186, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 186, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 186, 247);  
box-shadow:4px 4px 4px 4px rgb(185, 186,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3550, 52.1475, 95.1963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 186, 247) }
```

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

```
.background{ background-color: rgb(185,  
186, 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](#).

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