

Converting Colors

XYZ(54.4128, 52.0959, 93.2684)

Have a look what the booklet for
XYZ(54.4128, 52.0959, 93.2684)
contains.

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Color

**XYZ(54.5339, 52.2752,
93.6021)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BBBAF5 |
| RGB | 187, 186, 245 |
| RGB Percent | 73%, 73%, 96% |
| CMY | 0.2667, 0.2706, 0.0392 |
| CMYK | 0.24, 0.24, 0.00, 0.04 |
| HSL | 241°, 75%, 85% |
| HSV | 241°, 24%, 96% |
| XYZ | 54.5339, 52.2752, 93.6021 |
| YIQ | 193.0250, -18.3430, 18.5610 |

Conversions

Conversions Part 2

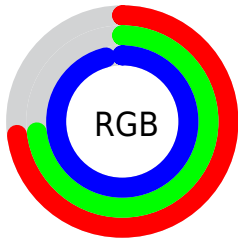
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 187, 186, 245 |
| Decimal | 12303093 |
| CIE Lab | 77.45, 12.70, -29.06 |
| CIE LCh | 77, 31.709, 293.602 |
| Yxy | 52.2752, 0.2721, 0.2608 |
| Android (android.graphics.Color) | 4290493173 (0xFFBBBAF5) |
| YUV | 193.0250, 25.6237, -5.2839 |
| Hunter-Lab | 72.3016, 8.1069, -26.1461 |

Details

The XYZ color **54.5339, 52.2752, 93.6021** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.8250, 88.0843, 59.3040**, and the grayscale version is **50.5666, 53.2000, 57.9348**.

A 20% lighter version of the original color is **87.1104, 89.9574, 107.3800**, and **27.2457, 25.4357, 51.6177** is the 20% darker color. If you saturate the color by 10%, you get **44.4021, 40.0367, 91.7747**, and if you desaturate by 10%, it is **66.5421, 66.7971, 95.7731**.

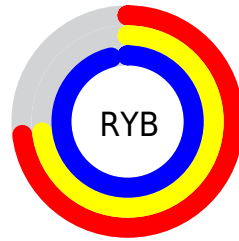
Distribution



Red (73%)

Green (73%)

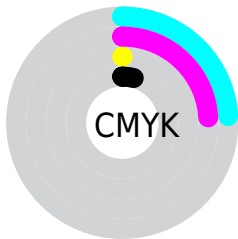
Blue (96%)



Red (73%)

Yellow (73%)

Blue (96%)

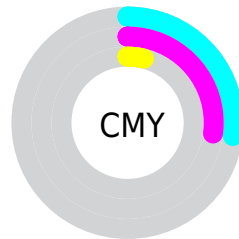


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5339, 52.2752, 93.6021 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 54.5339, 52.2752, 93.6021 by changing the saturation by 10% instead.

■ 54.5339, 52.2752,
93.6021

■ 54.5339, 52.2752,
93.6021

394.3079,
395.4981, 560.5496

■ 39.2610, 37.2245,
70.3816

■ 96.0100, 93.5370,
154.3108

■ 27.1445, 25.3813,
51.3590

122.9440,
120.5168, 192.6362

■ 17.8189, 16.3614,
36.1157

154.4957,
152.2418, 236.8335

■ 10.9190, 9.7802,
24.2331

191.0305,
189.0964, 287.3215

■ 6.0793, 5.2535,
15.2929

232.9138,
231.4649, 344.5185

■ 2.9345, 2.3968,
8.8763

280.5109,

■ 1.1192, 0.8242,

279.7318, 408.8432

4.5649

334.1871,
334.2814, 480.7140

■ 0.0411, 0.0000,
1.9401

■ 0.0000, 0.0000,
0.5180

■ 54.5339, 52.2752,
93.6021

■ 54.5339, 52.2752,
93.6021

■ 44.4021, 40.0367,
91.7747

■ 66.5421, 66.7971,
95.7731

■ 36.0473, 29.9596,
90.2700

■ 80.5094, 83.7034,
98.3002

■ 29.3686, 21.9202,
89.0702

■ 93.4816, 99.3726,
100.6409

■ 24.2528, 15.7797,
88.1546

■ 20.5730, 11.3821,
87.4997

■ 18.1823, 8.5466,
87.0784

■ 16.9026, 7.0530,
86.8576

■ 16.5335, 6.6194,
86.7934

Harmonies

Analogous

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



48.3898, 52.2752, 97.2741



54.5339, 52.2752, 93.6021



59.7424, 52.2752, 79.2804

Triad

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



54.5339, 52.2752, 93.6021



56.9795, 52.2752, 33.9272



38.9131, 52.2752, 53.2553

Complementary

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



54.5339, 52.2752, 93.6021



78.8250, 88.0843, 59.3040

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.



40.8266, 52.2752, 39.2151



54.5339, 52.2752, 93.6021



51.0052, 52.2752, 29.6276

Square

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



54.5339, 52.2752, 93.6021



61.2333, 52.2752, 44.4958



45.1343, 52.2752, 31.3433



39.6902, 52.2752, 71.4624

Rectangle

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



54.5339, 52.2752, 93.6021



61.8148, 52.2752, 66.9432



45.1343, 52.2752, 31.3433



39.2576, 52.2752, 47.9487

Sweetspot

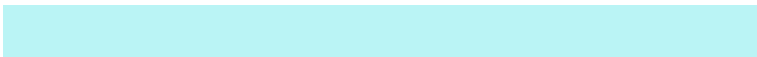
The Sweet Spot groups the original color and five complimentary colors.



54.5356, 52.2773, 93.6033



83.4539, 85.9578, 106.8008



69.0883, 81.7443, 98.5240



17.6595, 18.1527, 22.8230



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.



54.5356, 52.2773, 93.6033



53.9469, 50.2700, 101.4675



62.5040, 56.3852, 93.9762



15.6071, 15.9401, 20.7967



8.9183, 3.5719, 46.7574



0.7928, 0.3186, 4.1099

Inverse Universe

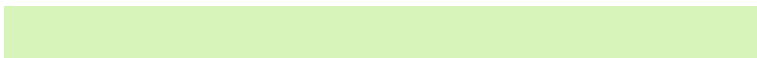
The Inverse Universe completely reimagines the original color for something new.



71.5458, 61.0639, 93.6052



75.6230, 61.4677, 101.4329



69.3995, 83.2252, 58.8629



17.2008, 16.7632, 20.8041



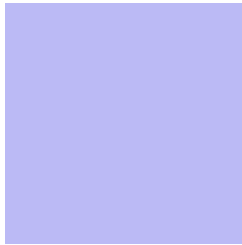
28.8332, 13.8767, 45.9572



2.5380, 1.2212, 4.0593

Previews

White Background



This preview shows how the XYZ color 54.5339, 52.2752, 93.6021 looks on a white background.

Color Contrast Check

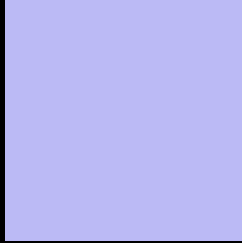
Large Text (above 18pt) WCAG AA × Fail

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 54.5339, 52.2752, 93.6021 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 54.5339, 52.2752, 93.6021

Background



This preview shows how black text looks on a background with the XYZ color 54.5339, 52.2752, 93.6021.

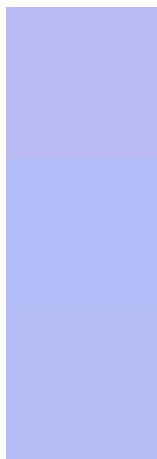


This preview shows how white text looks on a background with the XYZ color 54.5339, 52.2752,

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

54.5339, 52.2752, 93.6021

Protanopia

52.8906, 52.3407, 95.3108

Deuteranopia

53.7561, 52.5041, 93.6873



Tritanopia

49.2775, 52.3973, 67.1910

Trichromacy



Original Color

54.5339, 52.2752, 93.6021

Protanomaly

53.4402, 52.3236, 94.4716

Deuteranomaly

54.0189, 52.3236, 93.6386

Tritanomaly

50.9930, 52.1146, 75.7781

Monochromacy



Original Color

54.5339, 52.2752, 93.6021

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.7830, 52.6567, 69.7219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5339, 52.2752, 93.6021 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(187, 186, 245)` looks like.

```
.text, #text, p{  
    color:rgb(187, 186, 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(187, 186, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 186, 245) }
```

Border

The CSS property to change the border of an element to XYZ 54.5339, 52.2752, 93.6021 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(187, 186, 245) }
```


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

```
.border{ border-color:rgb(187, 186, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 186, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 186, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 186, 245);  
box-shadow:4px 4px 4px 4px rgb(187, 186,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5339, 52.2752, 93.6021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 186, 245) }
```

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

```
.background{ background-color: rgb(187,  
186, 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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