

Converting Colors

XYZ(53.9722, 50.4690,
100.6000)

Have a look what the booklet for
XYZ(53.9722, 50.4690, 100.6000)
contains.

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Color

**XYZ(54.1458, 50.6789,
100.6942)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B6FE
RGB	183, 182, 254
RGB Percent	72%, 71%, 100%
CMY	0.2823, 0.2863, 0.0039
CMYK	0.28, 0.28, 0.00, 0.00
HSL	241°, 97%, 85%
HSV	241°, 28%, 100%
XYZ	54.1458, 50.6789, 100.6942
YIQ	190.5070, -22.5160, 22.6040

Conversions

Conversions Part 2

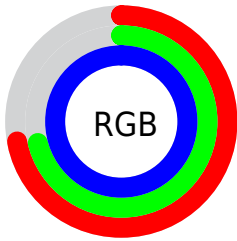
Format	Color
R _Y B	183, 182, 254
Decimal	12039934
CIE Lab	76.48, 15.85, -35.40
CIE LCh	76, 38.786, 294.120
Yxy	50.6789, 0.2635, 0.2466
Android (android.graphics.Color)	4290230014 (0xFFB7B6FE)
YUV	190.5070, 31.3020, -6.5836
Hunter-Lab	71.1891, 11.1845, -34.0310

Details

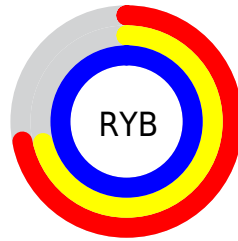
The XYZ color **54.1458, 50.6789, 100.6942** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.3945, 95.1447, 58.1746**, and the grayscale version is **49.0716, 51.6271, 56.2219**.

A 20% lighter version of the original color is **84.5597, 86.8943, 106.9233**, and **26.8304, 24.3209, 56.1036** is the 20% darker color. If you saturate the color by 10%, you get **43.9715, 38.4005, 98.8613**, and if you desaturate by 10%, it is **66.3270, 65.3946, 102.8935**.

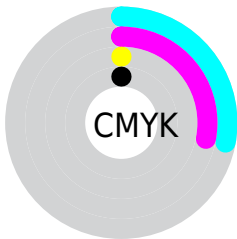
Distribution



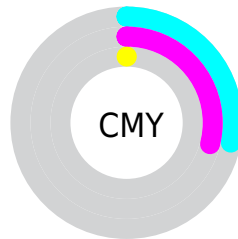
- Red (72%)
- Green (71%)
- Blue (100%)



- Red (72%)
- Yellow (71%)
- Blue (100%)



- Cyan (28%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1458, 50.6789, 100.6942 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 54.1458, 50.6789, 100.6942 by changing the saturation by 10% instead.

■ 54.1458, 50.6789,
100.6942

■ 54.1458, 50.6789,
100.6942

392.8550,
389.3150, 583.6817

■ 38.9494, 35.9531,
76.2603

■ 95.4439, 91.1800,
164.1710

■ 26.9009, 24.3980,
56.1381

122.2763,
117.7240, 204.0511

■ 17.6350, 15.6291,
39.9089

153.7181,
148.9763, 249.9169

■ 10.7864, 9.2621,
27.1543

190.1346,
185.3212, 302.1870

■ 5.9896, 4.9125,
17.4556

231.8912,
227.1432, 361.2800

■ 2.8794, 2.1960,
10.3945

279.3532,

■ 1.0903, 0.7178,

274.8265, 427.6145

5.5523

332.8861,
328.7556, 501.6089

■ 0.0170, 0.0000,
2.5105

■ 0.0000, 0.0000,
0.8457

■ 54.1458, 50.6789,
100.6942

■ 54.1458, 50.6789,
100.6942

■ 43.9715, 38.4005,
98.8613

■ 66.3270, 65.3946,
102.8935

■ 35.6917, 28.4222,
97.3717

■ 80.6093, 82.6628,
105.4738

■ 29.1908, 20.6028,
96.2051

94.8896, 99.9358,
108.0552

■ 24.3387, 14.7829,
95.3375

■ 20.9873, 10.7811,
94.7417

■ 18.9621, 8.3831,
94.3856

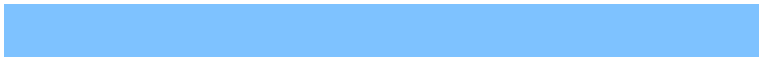
■ 18.0312, 7.2966,
94.2249

■ 17.9337, 7.1786,
94.2073

Harmonies

Analogous

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



46.7427, 50.6789, 105.7086



54.1458, 50.6789, 100.6942



60.4824, 50.6789, 82.3048

Triad

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



54.1458, 50.6789, 100.6942



56.8880, 50.6789, 28.5626



35.4928, 50.6789, 51.1575

Complementary

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



54.1458, 50.6789, 100.6942



84.3945, 95.1447, 58.1746

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.



37.6513, 50.6789, 34.7854



54.1458, 50.6789, 100.6942



49.6236, 50.6789, 24.0360

Square

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



54.1458, 50.6789, 100.6942



62.1744, 50.6789, 40.3073



42.6486, 50.6789, 25.9849



36.4422, 50.6789, 73.3253

Rectangle

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



54.1458, 50.6789, 100.6942



62.9971, 50.6789, 66.9482



42.6486, 50.6789, 25.9849



35.8715, 50.6789, 44.8799

Sweetspot

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



54.1475, 50.6809, 100.6954



80.3192, 82.1790, 106.2366



72.6240, 87.9857, 106.9221



16.7183, 17.0172, 22.6535



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.



54.1475, 50.6809, 100.6954



48.5786, 43.8270, 100.5068



63.5324, 55.5190, 101.1346



17.0263, 17.3898, 22.7091



9.4648, 3.7897, 49.6672



0.9294, 0.3730, 4.8363

Inverse Universe

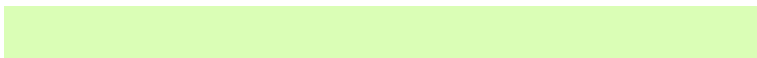
The Inverse Universe completely reimagines the original color for something new.



75.3320, 61.6203, 100.8530



73.1548, 56.5189, 100.6482



72.8002, 89.1677, 57.6320



18.7812, 18.2958, 22.7308



30.6901, 14.7653, 49.1458



2.9916, 1.4390, 4.8029

Previews

White Background



This preview shows how the XYZ color 54.1458, 50.6789, 100.6942 looks on a white background.

Color Contrast Check

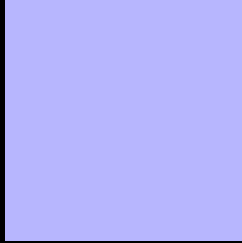
Large Text (above 18pt) WCAG AA × Fail

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 54.1458, 50.6789, 100.6942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

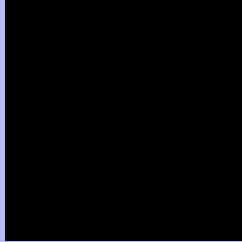
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1458, 50.6789, 100.6942

Background



This preview shows how black text looks on a background with the XYZ color 54.1458, 50.6789, 100.6942.

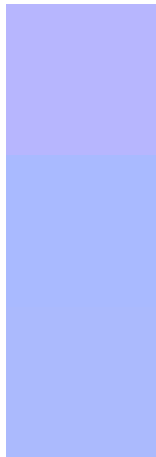


This preview shows how white text looks on a background with the XYZ color 54.1458, 50.6789,

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

54.1458, 50.6789, 100.6942

Protanopia

51.9711, 50.7728, 101.6687

Deuteranopia

52.0831, 50.8676, 100.0019



Tritanopia

47.0050, 50.6021, 65.6823

Trichromacy



Original Color

54.1458, 50.6789, 100.6942

Protanomaly

52.8545, 50.9166, 101.6499

Deuteranomaly

52.7578, 50.9037, 99.9733

Tritanomaly

49.4340, 50.6413, 76.9813

Monochromacy



Original Color

54.1458, 50.6789, 100.6942

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.8599, 51.5128, 70.8807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1458, 50.6789, 100.6942 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(183, 182, 254)` looks like.

```
.text, #text, p{  
    color:rgb(183, 182, 254)  
}
```

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(183, 182, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 182, 254) }
```

Border

The CSS property to change the border of an element to XYZ 54.1458, 50.6789, 100.6942 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(183, 182, 254) }
```


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

```
.border{ border-color:rgb(183, 182, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 182, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 182, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 182, 254);  
box-shadow:4px 4px 4px 4px rgb(183, 182,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1458, 50.6789, 100.6942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 182, 254) }
```

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

```
.background{ background-color: rgb(183,  
182, 254) }
```

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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