

Converting Colors

XYZ(54.7669, 50.7237, 88.5667)

Have a look what the booklet for
XYZ(54.7669, 50.7237, 88.5667)
contains.

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Color

**XYZ(54.6662, 50.6103,
88.5489)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B4EF
RGB	196, 180, 239
RGB Percent	77%, 71%, 94%
CMY	0.2314, 0.2941, 0.0627
CMYK	0.18, 0.25, 0.00, 0.06
HSL	256°, 65%, 82%
HSV	256°, 25%, 94%
XYZ	54.6662, 50.6103, 88.5489
YIQ	191.5100, -9.4030, 21.7410

Conversions

Conversions Part 2

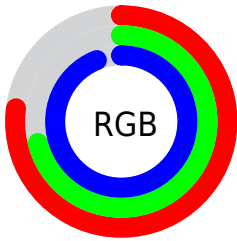
Format	Color
RYB	196, 180, 239
Decimal	12891375
CIELab	76.44, 17.35, -27.30
CIELCh	76, 32.348, 302.443
Yxy	50.6103, 0.2820, 0.2611
Android (android.graphics.Color)	4291081455 (0xFFC4B4EF)
YUV	191.5100, 23.4126, 3.9377
Hunter-Lab	71.1409, 12.6666, -23.9995

Details

The XYZ color **54.6662, 50.6103, 88.5489** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.5378, 80.7175, 55.0973**, and the grayscale version is **49.6908, 52.2786, 56.9314**.

A 20% lighter version of the original color is **88.5535, 88.0936, 106.9442**, and **27.2919, 24.3484, 48.0610** is the 20% darker color. If you saturate the color by 10%, you get **45.9803, 39.5781, 86.8781**, and if you desaturate by 10%, it is **64.7133, 63.5816, 90.5239**.

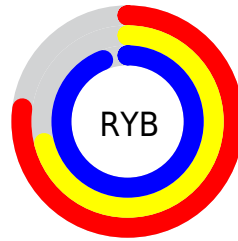
Distribution



Red (77%)

Green (71%)

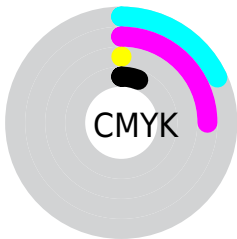
Blue (94%)



Red (77%)

Yellow (71%)

Blue (94%)

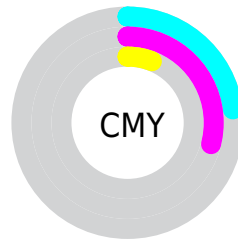


Cyan (18%)

Magenta (25%)

Yellow (0%)

Black (6%)



Cyan (23%)

Magenta (29%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6662, 50.6103, 88.5489 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 54.6662, 50.6103, 88.5489 by changing the saturation by 10% instead.

■ 54.6662, 50.6103,
88.5489

■ 54.6662, 50.6103,
88.5489

394.8024,
389.0478, 543.7469

■ 39.3673, 35.8986,
66.2108

■ 96.2029, 91.0785,
147.2390

■ 27.2276, 24.3559,
47.9860

123.1714,
117.6037, 184.4280

■ 17.8817, 15.5978,
33.4559

154.7605,
148.8355, 227.4045

■ 10.9643, 9.2400,
22.2019

191.3356,
185.1584, 276.5869

■ 6.1099, 4.8981,
13.8056

233.2619,
226.9566, 332.3938

■ 2.9533, 2.1876,
7.8484

280.9050,

■ 1.1291, 0.7132,

274.6147, 395.2438

3.9117

334.6300,
328.5170, 465.5553

■ 0.0493, 0.0000,
1.5770

■ 0.0000, 0.0000,
0.2744

■ 54.6662, 50.6103,
88.5489

■ 54.6662, 50.6103,
88.5489

■ 45.9803, 39.5781,
86.8781

■ 64.7133, 63.5816,
90.5239

■ 38.5902, 30.3841,
85.4930

■ 76.1734, 78.5737,
92.8137

■ 32.4319, 22.9278,
84.3783

■ 89.1014, 95.6714,
95.4325

■ 27.4342, 17.0960,
83.5161

■ 92.5801, 99.0121,
95.8939

■ 23.5177, 12.7621,
82.8860

■ 20.5921, 9.7797,
82.4645

■ 18.5496, 7.9710,
82.2231

■ 17.7476, 7.3494,
82.1454

Harmonies

Analogous

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



48.6047, 50.6103, 95.8850



54.6662, 50.6103, 88.5489



59.2555, 50.6103, 72.1317

Triad

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



54.6662, 50.6103, 88.5489



53.7297, 50.6103, 30.3912



37.3223, 50.6103, 56.5485

Complementary

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



54.6662, 50.6103, 88.5489



69.5378, 80.7175, 55.0973

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.



38.4467, 50.6103, 40.9953



54.6662, 50.6103, 88.5489



47.6059, 50.6103, 27.9218

Square

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



54.6662, 50.6103, 88.5489



58.6836, 50.6103, 38.9951



42.0884, 50.6103, 31.3631



38.8784, 50.6103, 75.1365

Rectangle

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



54.6662, 50.6103, 88.5489



60.6772, 50.6103, 59.6375



42.0884, 50.6103, 31.3631



37.3993, 50.6103, 50.8101

Sweetspot

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



54.6678, 50.6124, 88.5500



84.9923, 86.7508, 106.8727



60.8630, 68.8549, 91.7447



18.0146, 18.3358, 22.8396



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.



54.6678, 50.6124, 88.5500



57.6882, 51.4357, 101.4953



63.0270, 54.9217, 88.9412



15.2994, 15.4361, 19.8947



9.9147, 4.1166, 45.3999



0.9167, 0.3899, 3.7811

Inverse Universe

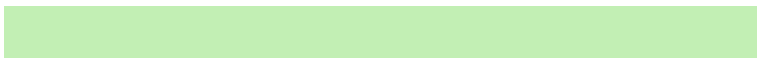
The Inverse Universe completely reimagines the original color for something new.



65.2388, 56.3230, 77.2471



72.1481, 59.2553, 85.6693



61.2947, 76.4680, 54.7115



16.2607, 15.9540, 18.9290



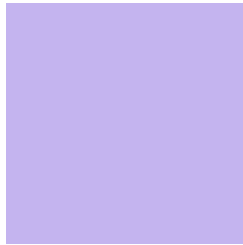
23.9615, 11.8570, 23.5117



2.0348, 1.0029, 2.1739

Previews

White Background



This preview shows how the XYZ color 54.6662, 50.6103, 88.5489 looks on a white background.

Color Contrast Check

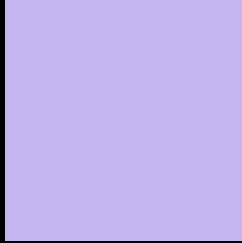
Large Text (above 18pt) WCAG AA × Fail

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 54.6662, 50.6103, 88.5489 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 54.6662, 50.6103, 88.5489

Background



This preview shows how black text looks on a background with the XYZ color 54.6662, 50.6103, 88.5489.



This preview shows how white text looks on a background with the XYZ color 54.6662, 50.6103,

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

54.6662, 50.6103, 88.5489

Protanopia

51.3436, 50.6481, 92.6579

Deuteranopia

51.8376, 50.6947, 87.9418



Tritanopia

49.4173, 50.6237, 63.0439

Trichromacy



Original Color

54.6662, 50.6103, 88.5489

Protanomaly

52.4589, 50.6369, 91.0134

Deuteranomaly

52.6158, 50.4791, 87.8592

Tritanomaly

51.1445, 50.3937, 71.3213

Monochromacy



Original Color

54.6662, 50.6103, 88.5489

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.4842, 51.9073, 67.6272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6662, 50.6103, 88.5489 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(196, 180, 239)` looks like.

```
.text, #text, p{  
    color:rgb(196, 180, 239)  
}
```

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(196, 180, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 180, 239) }
```

Border

The CSS property to change the border of an element to XYZ 54.6662, 50.6103, 88.5489 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(196, 180, 239) }
```


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

```
.border{ border-color:rgb(196, 180, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 180, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 180, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 180, 239);  
box-shadow:4px 4px 4px 4px rgb(196, 180,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6662, 50.6103, 88.5489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 180, 239) }
```

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

```
.background{ background-color: rgb(196,  
180, 239) }
```

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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