

Converting Colors

XYZ(54.3495, 53.0993, 83.7519)

Have a look what the booklet for
XYZ(54.3495, 53.0993, 83.7519)
contains.

XYZ(54.2869, 52.9991, 83.7126)	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(54.2869, 52.9991,
83.7126)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BCE8
RGB	192, 188, 232
RGB Percent	75%, 74%, 91%
CMY	0.2471, 0.2627, 0.0902
CMYK	0.17, 0.19, 0.00, 0.09
HSL	245°, 49%, 82%
HSV	245°, 19%, 91%
XYZ	54.2869, 52.9991, 83.7126
YIQ	194.2120, -11.7400, 14.5320

Conversions

Conversions Part 2

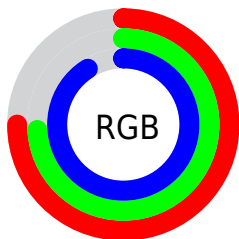
Format	Color
R _Y B	192, 188, 232
Decimal	12631272
CIE _{Lab}	77.87, 10.22, -21.37
CIE _{LCh}	78, 23.685, 295.554
Yxy	52.9991, 0.2842, 0.2775
Android (android.graphics.Color)	4290821352 (0xFFC0BCE8)
YUV	194.2120, 18.6295, -1.9399
Hunter-Lab	72.8005, 5.7056, -17.2167

Details

The XYZ color **54.2869, 52.9991, 83.7126** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.9305, 77.8395, 58.9182**, and the grayscale version is **51.3031, 53.9749, 58.7787**.

A 20% lighter version of the original color is **89.4676, 92.0611, 107.6619**, and **26.9817, 25.8658, 44.6448** is the 20% darker color. If you saturate the color by 10%, you get **44.7605, 41.3138, 81.9601**, and if you desaturate by 10%, it is **65.3786, 66.6766, 85.7689**.

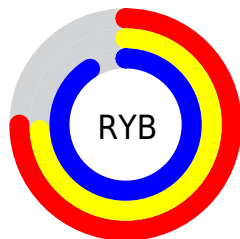
Distribution



Red (75%)

Green (74%)

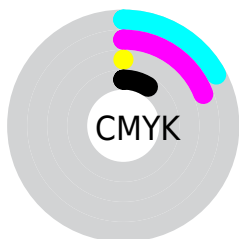
Blue (91%)



Red (75%)

Yellow (74%)

Blue (91%)

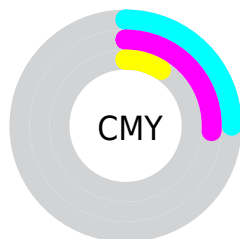


Cyan (17%)

Magenta (19%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (26%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2869, 52.9991, 83.7126 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 54.2869, 52.9991, 83.7126 by changing the saturation by 10% instead.

■ 54.2869, 52.9991,
83.7126

■ 54.2869, 52.9991,
83.7126

393.3836,
398.2817, 527.3915

■ 39.0627, 37.8021,
62.2342

■ 95.6498, 94.6030,
140.4312

■ 26.9894, 25.8291,
44.7849

122.5192,
121.7787, 176.5085

■ 17.7018, 16.6958,
30.9463

154.0009,
153.7161, 218.2891

■ 10.8345, 10.0179,
20.2999

190.4605,
190.7995, 266.1916

■ 6.0221, 5.4108,
12.4270

232.2632,
233.4134, 320.6346

■ 2.8993, 2.4903,
6.9091

279.7744,

■ 1.1008, 0.8718,

281.9421, 382.0365

3.3277

333.3594,
336.7701, 450.8159

■ 0.0257, 0.0000,
1.2643

■ 0.0000, 0.0000,
0.0323

■ 54.2869, 52.9991,
83.7126

■ 54.2869, 52.9991,
83.7126

■ 44.7605, 41.3138,
81.9601

■ 65.3786, 66.6766,
85.7689

■ 36.7241, 31.5214,
80.4935

■ 78.0966, 82.4265,
88.1386

■ 30.1035, 23.5242,
79.2988

■ 91.5657, 98.6063,
90.5517

■ 24.8162, 17.2127,
78.3593

■ 20.7711, 12.4657,
77.6562

■ 17.8657, 9.1457,
77.1685

■ 15.9805, 7.0910,
76.8713

■ 14.9512, 6.0638,
76.7272

■ 14.8766, 5.9866,
76.7163

Harmonies

Analogous

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



49.6914, 52.9991, 86.8284



54.2869, 52.9991, 83.7126



58.0266, 52.9991, 73.2553

Triad

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



54.2869, 52.9991, 83.7126



55.5450, 52.9991, 39.2352



42.0596, 52.9991, 55.7653

Complementary

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



54.2869, 52.9991, 83.7126



69.9305, 77.8395, 58.9182

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.



43.4258, 52.9991, 44.5309



54.2869, 52.9991, 83.7126



51.0629, 52.9991, 35.9554

Square

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



54.2869, 52.9991, 83.7126



58.7834, 52.9991, 47.4544



46.6539, 52.9991, 37.7362



42.8076, 52.9991, 69.3392

Rectangle

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



54.2869, 52.9991, 83.7126



59.4348, 52.9991, 64.2605



46.6539, 52.9991, 37.7362



42.2844, 52.9991, 51.6150

Sweetspot

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



54.2886, 53.0013, 83.7138



85.4283, 88.0803, 107.1064



63.1414, 72.1894, 86.9509



18.0706, 18.5874, 22.8853



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.



54.2886, 53.0013, 83.7138



62.1394, 59.3698, 102.7922



60.1849, 56.0409, 83.9897



13.7037, 13.9495, 18.1146



8.3036, 3.3466, 42.5915



0.6555, 0.2689, 3.1493

Inverse Universe

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



65.2673, 58.7259, 81.2965



78.2627, 67.7794, 99.1298



63.4816, 74.5149, 58.6164



14.9357, 14.5915, 17.8616



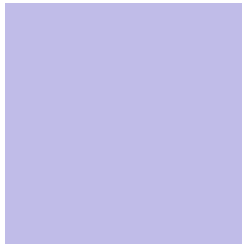
25.0216, 12.1429, 35.3383



1.8656, 0.9040, 2.6989

Previews

White Background



This preview shows how the XYZ color 54.2869, 52.9991, 83.7126 looks on a white background.

Color Contrast Check

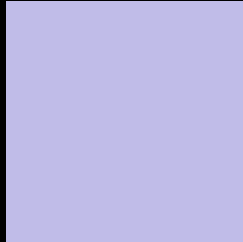
Large Text (above 18pt) WCAG AA × Fail

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 54.2869, 52.9991, 83.7126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

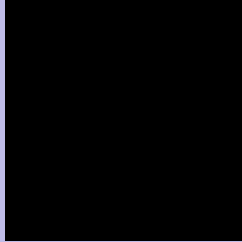
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2869, 52.9991, 83.7126

Background



This preview shows how black text looks on a background with the XYZ color 54.2869, 52.9991, 83.7126.



This preview shows how white text looks on a background with the XYZ color 54.2869, 52.9991,

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

54.2869, 52.9991, 83.7126

Protanopia

53.0105, 53.2694, 85.3300

Deuteranopia

54.2869, 52.9991, 83.7126



Tritanopia

50.9738, 52.9447, 67.2072

Trichromacy



Original Color

54.2869, 52.9991, 83.7126

Protanomaly

53.3711, 53.1492, 84.5367

Deuteranomaly

54.2869, 52.9991, 83.7126

Tritanomaly

52.1415, 53.0902, 73.1449

Monochromacy



Original Color

54.2869, 52.9991, 83.7126

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.2271, 53.5908, 67.2659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2869, 52.9991, 83.7126 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(192, 188, 232)` looks like.

```
.text, #text, p{  
    color:rgb(192, 188, 232)  
}
```

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(192, 188, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 188, 232) }
```

Border

The CSS property to change the border of an element to XYZ 54.2869, 52.9991, 83.7126 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(192, 188, 232) }
```


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

```
.border{ border-color:rgb(192, 188, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 188, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 188, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 188, 232);  
box-shadow:4px 4px 4px 4px rgb(192, 188,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2869, 52.9991, 83.7126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 188, 232) }
```

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

```
.background{ background-color: rgb(192,  
188, 232) }
```

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