

Converting Colors

XYZ(52.8876, 48.5224, 94.8628)

Have a look what the booklet for
XYZ(52.8876, 48.5224, 94.8628)
contains.

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Color

**XYZ(53.0042, 48.7245,
94.6068)**

Conversions

Conversions Part 1

Format	Color
Hex	BBB1F7
RGB	187, 177, 247
RGB Percent	73%, 69%, 97%
CMY	0.2667, 0.3059, 0.0314
CMYK	0.24, 0.28, 0.00, 0.03
HSL	249°, 81%, 83%
HSV	249°, 28%, 97%
XYZ	53.0042, 48.7245, 94.6068
YIQ	187.9700, -16.5100, 23.8900

Conversions

Conversions Part 2

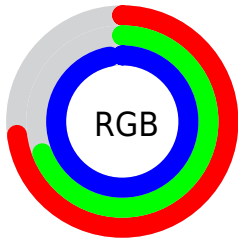
Format	Color
R_{YB}	187, 177, 247
Decimal	12300791
CIE _{Lab}	75.28, 18.11, -33.47
CIE _{LCh}	75, 38.052, 298.416
Yxy	48.7245, 0.2700, 0.2482
Android (android.graphics.Color)	4290490871 (0xFFBBB1F7)
YUV	187.9700, 29.1018, -0.8507
Hunter-Lab	69.8029, 13.3871, -31.4961

Details

The XYZ color **53.0042, 48.7245, 94.6068** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.1229, 87.7014, 54.5129**, and the grayscale version is **47.6311, 50.1116, 54.5715**.

A 20% lighter version of the original color is **84.4971, 84.7309, 106.5090**, and **26.0176, 23.0385, 51.7908** is the 20% darker color. If you saturate the color by 10%, you get **43.7568, 37.3595, 92.9013**, and if you desaturate by 10%, it is **63.9014, 62.2529, 96.6445**.

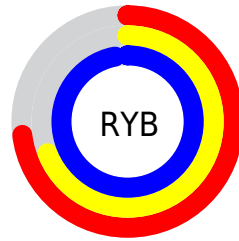
Distribution



Red (73%)

Green (69%)

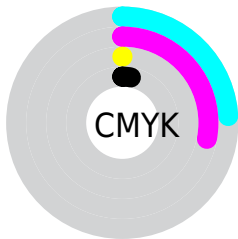
Blue (97%)



Red (73%)

Yellow (69%)

Blue (97%)

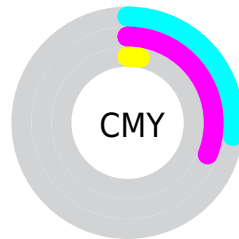


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (31%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0042, 48.7245, 94.6068 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 53.0042, 48.7245, 94.6068 by changing the saturation by 10% instead.

■ 53.0042, 48.7245,
94.6068

■ 53.0042, 48.7245,
94.6068

388.5618,
381.6567, 563.8576

■ 38.0336, 34.4010,
71.2127

■ 93.7760, 88.2821,
155.7122

■ 26.1861, 23.2018,
52.0329

120.3080,
114.2851, 194.2605

■ 17.0963, 14.7426,
36.6489

151.4245,
144.9499, 238.6973

■ 10.3989, 8.6389,
24.6421

187.4908,
180.6610, 289.4412

■ 5.7285, 4.5064,
15.5940

228.8723,
221.8029, 346.9106

■ 2.7198, 1.9607,
9.0861

275.9345,

■ 1.0074, 0.5845,

268.7599, 411.5241

4.6998

329.0425,
321.9164, 483.7002

■ 0.0000, 0.0000,
2.0166

■ 0.0000, 0.0000,
0.5654

■ 53.0042, 48.7245,
94.6068

■ 53.0042, 48.7245,
94.6068

■ 43.7568, 37.3595,
92.9013

■ 63.9014, 62.2529,
96.6445

■ 36.0734, 28.0395,
91.5074

■ 76.5187, 78.0432,
99.0274

■ 29.8677, 20.6438,
90.4069

■ 90.9286, 96.1947,
101.7715

■ 25.0430, 15.0365,
89.5789

■ 93.7887, 99.4955,
102.2578

■ 21.4906, 11.0635,
88.9993

■ 19.0851, 8.5444,
88.6398

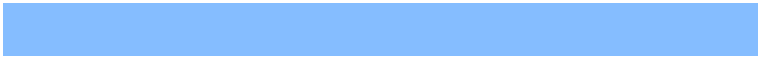
■ 17.6624, 7.2320,
88.4615

■ 17.4915, 7.0778,
88.4407

Harmonies

Analogous

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



45.9407, 48.7245, 101.5673



53.0042, 48.7245, 94.6068



58.7268, 48.7245, 75.8683

Triad

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



53.0042, 48.7245, 94.6068



53.7114, 48.7245, 26.5591



34.1360, 48.7245, 51.9958

Complementary

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



53.0042, 48.7245, 94.6068



76.1229, 87.7014, 54.5129

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.



35.7817, 48.7245, 35.3420



53.0042, 48.7245, 94.6068



46.6837, 48.7245, 23.1332

Square

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



53.0042, 48.7245, 94.6068



59.1631, 48.7245, 36.7663



40.2067, 48.7245, 25.8939



35.4698, 48.7245, 73.5531

Rectangle

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



53.0042, 48.7245, 94.6068



60.7611, 48.7245, 61.1617



40.2067, 48.7245, 25.8939



34.3556, 48.7245, 45.6941

Sweetspot

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



53.0058, 48.7264, 94.6079



81.2902, 82.6795, 106.2820



65.3990, 77.0190, 99.4157



16.9550, 17.1393, 22.6645



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.



53.0058, 48.7264, 94.6079



51.0904, 45.1219, 100.6244



62.4326, 53.5861, 95.0491



15.8014, 16.0402, 20.8058



9.3202, 3.7790, 46.7762



0.8852, 0.3662, 4.1143

Inverse Universe

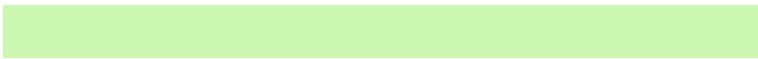
The Inverse Universe completely reimagines the original color for something new.



69.3673, 57.3346, 87.5327



71.4176, 55.8240, 91.5002



65.7359, 82.3468, 54.0268



17.1059, 16.7252, 20.3040



26.5927, 12.9805, 34.1592



2.3646, 1.1518, 3.1461

Previews

White Background



This preview shows how the XYZ color 53.0042, 48.7245, 94.6068 looks on a white background.

Color Contrast Check

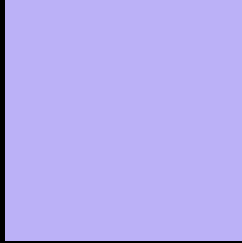
Large Text (above 18pt) WCAG AA × Fail

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 53.0042, 48.7245, 94.6068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

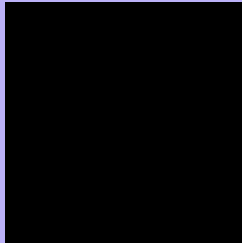
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0042, 48.7245, 94.6068

Background



This preview shows how black text looks on a background with the XYZ color 53.0042, 48.7245, 94.6068.



This preview shows how white text looks on a background with the XYZ color 53.0042, 48.7245,

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

53.0042, 48.7245, 94.6068

Protanopia

50.0720, 48.9390, 98.0739

Deuteranopia

49.9401, 48.6558, 93.9482



Tritanopia

46.4616, 48.7998, 62.2289

Trichromacy



Original Color

53.0042, 48.7245, 94.6068

Protanomaly

51.2348, 48.9485, 97.1901

Deuteranomaly

50.8603, 48.5264, 93.8747

Tritanomaly

48.6444, 48.7527, 73.1760

Monochromacy



Original Color

53.0042, 48.7245, 94.6068

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.3882, 49.5758, 67.2877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0042, 48.7245, 94.6068 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, 177, 247)` looks like.

```
.text, #text, p{  
    color:rgb(187, 177, 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(187, 177, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 177, 247) }
```

Border

The CSS property to change the border of an element to XYZ 53.0042, 48.7245, 94.6068 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, 177, 247) }
```


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

```
.border{ border-color:rgb(187, 177, 247) }
```

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

Here you see how a box with a 4 pixel rgb(187, 177, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 177, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 177, 247);  
box-shadow:4px 4px 4px 4px rgb(187, 177,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0042, 48.7245, 94.6068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 177, 247) }
```

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

```
.background{ background-color: rgb(187,  
177, 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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