

Converting Colors

XYZ(51.9091, 49.4032, 92.3878)

Have a look what the booklet for
XYZ(51.9091, 49.4032, 92.3878)
contains.

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Color

**XYZ(51.9091, 49.4032,
92.3878)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B5F4
RGB	181, 181, 244
RGB Percent	71%, 71%, 96%
CMY	0.2902, 0.2902, 0.0431
CMYK	0.26, 0.26, 0.00, 0.04
HSL	240°, 74%, 83%
HSV	240°, 26%, 96%
XYZ	51.9091, 49.4032, 92.3878
YIQ	188.1820, -20.2230, 19.5930

Conversions

Conversions Part 2

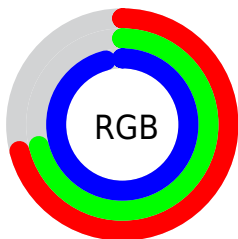
Format	Color
R _Y B	181, 181, 244
Decimal	11908596
CIE Lab	75.70, 13.44, -31.24
CIE LCh	76, 34.003, 293.273
Yxy	49.4032, 0.2680, 0.2550
Android (android.graphics.Color)	4290098676 (0xFFB5B5F4)
YUV	188.1820, 27.5183, -6.2986
Hunter-Lab	70.2874, 8.8240, -28.7313

Details

The XYZ color **51.9091, 49.4032, 92.3878** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.0002, 87.2712, 56.4517**, and the grayscale version is **47.7615, 50.2488, 54.7210**.

A 20% lighter version of the original color is **83.5941, 85.9655, 106.7949**, and **25.5487, 23.5812, 50.7820** is the 20% darker color. If you saturate the color by 10%, you get **42.1467, 37.6401, 90.6327**, and if you desaturate by 10%, it is **63.5455, 63.4243, 94.4817**.

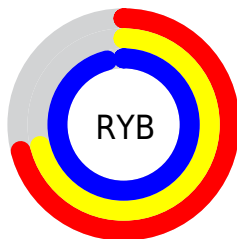
Distribution



Red (71%)

Green (71%)

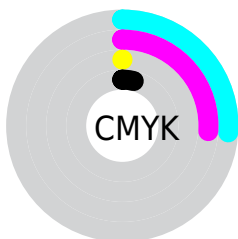
Blue (96%)



Red (71%)

Yellow (71%)

Blue (96%)

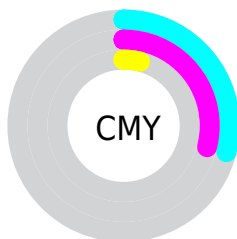


Cyan (26%)

Magenta (26%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (29%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9091, 49.4032, 92.3878 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 51.9091, 49.4032, 92.3878 by changing the saturation by 10% instead.

■ 51.9091, 49.4032,
92.3878

■ 51.9091, 49.4032,
92.3878

384.4153,
384.3275, 556.5373

■ 37.1566, 34.9394,
69.3779

■ 92.1722, 89.2900,
152.6151

■ 25.5030, 23.6162,
50.5459

118.4135,
115.4818, 190.6697

■ 16.5829, 15.0492,
35.4731

149.2151,
146.3518, 234.5762

■ 10.0310, 8.8539,
23.7411

184.9424,
182.2843, 284.7532

■ 5.4820, 4.6460,
14.9313

225.9607,
223.6637, 341.6193

■ 2.5704, 2.0411,
8.6251

272.6354,

■ 0.9309, 0.6312,

270.8744, 405.5930

4.4040

325.3318,
324.3009, 477.0928

■ 0.0000, 0.0000,
1.8495

■ 0.0000, 0.0000,
0.4603

■ 51.9091, 49.4032,
92.3878

■ 51.9091, 49.4032,
92.3878

■ 42.1467, 37.6401,
90.6327

■ 63.5455, 63.4243,
94.4817

■ 34.1558, 28.0116,
89.1953

■ 77.1415, 79.8065,
96.9272

■ 27.8316, 20.3914,
88.0578

■ 92.7832, 98.6537,
99.7406

■ 23.0565, 14.6377,
87.1989

■ 93.3293, 99.3117,
99.8389

■ 19.6973, 10.5900,
86.5947

■ 17.5985, 8.0611,
86.2172

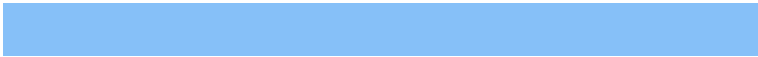
■ 16.5678, 6.8191,
86.0318

■ 16.3293, 6.5318,
85.9889

Harmonies

Analogous

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



45.5510, 49.4032, 96.1452



51.9091, 49.4032, 92.3878



57.3543, 49.4032, 77.3297

Triad

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



51.9091, 49.4032, 92.3878



54.5823, 49.4032, 30.4940



35.9201, 49.4032, 49.8280

Complementary

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



51.9091, 49.4032, 92.3878



78.0002, 87.2712, 56.4517

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.



37.8976, 49.4032, 35.5921



51.9091, 49.4032, 92.3878



48.3901, 49.4032, 26.1618

Square

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



51.9091, 49.4032, 92.3878



58.9916, 49.4032, 41.2108



42.3289, 49.4032, 27.7934



36.6804, 49.4032, 68.7032

Rectangle

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



51.9091, 49.4032, 92.3878



59.5444, 49.4032, 64.4114



42.3289, 49.4032, 27.7934



36.2804, 49.4032, 44.4085

Sweetspot

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



51.9107, 49.4052, 92.3889



81.7730, 84.0022, 106.5119



67.5781, 80.9942, 96.8270



17.0031, 17.3778, 22.7080



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.



51.9107, 49.4052, 92.3889



51.4589, 47.4757, 101.0593



59.8475, 53.4965, 92.7603



15.5813, 15.9268, 20.7955



8.8789, 3.5516, 46.7556



0.7804, 0.3122, 4.1094

Inverse Universe

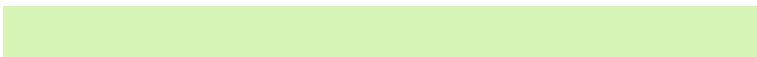
The Inverse Universe completely reimagines the original color for something new.



62.1740, 55.6187, 51.1767



64.5871, 55.4237, 48.3426



68.2928, 82.2671, 55.9975



16.4992, 16.4825, 17.1095



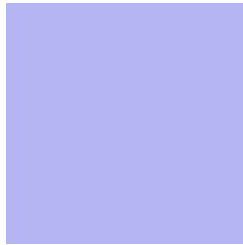
20.2862, 10.4579, 0.9494



1.7830, 0.9191, 0.0835

Previews

White Background



This preview shows how the XYZ color 51.9091, 49.4032, 92.3878 looks on a white background.

Color Contrast Check

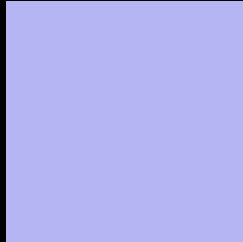
Large Text (above 18pt) WCAG AA × Fail

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 51.9091, 49.4032, 92.3878 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 51.9091, 49.4032, 92.3878

Background



This preview shows how black text looks on a background with the XYZ color 51.9091, 49.4032, 92.3878.



This preview shows how white text looks on a background with the XYZ color 51.9091, 49.4032,

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

51.9091, 49.4032, 92.3878

Protanopia

50.1372, 49.3698, 94.0756

Deuteranopia

50.7182, 49.3973, 92.4494



Tritanopia

46.3303, 49.6391, 64.2662

Trichromacy



Original Color

51.9091, 49.4032, 92.3878

Protanomaly

50.6485, 49.3438, 93.2410

Deuteranomaly

51.1885, 49.3347, 92.4126

Tritanomaly

48.2496, 49.4624, 74.0220

Monochromacy



Original Color

51.9091, 49.4032, 92.3878

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.7417, 49.5663, 66.6728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9091, 49.4032, 92.3878 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(181, 181, 244)` looks like.

```
.text, #text, p{  
    color:rgb(181, 181, 244)  
}
```

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(181, 181, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 181, 244) }
```

Border

The CSS property to change the border of an element to XYZ 51.9091, 49.4032, 92.3878 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(181, 181, 244) }
```


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

```
.border{ border-color:rgb(181, 181, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 181, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 181, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 181, 244);  
box-shadow:4px 4px 4px 4px rgb(181, 181,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9091, 49.4032, 92.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 181, 244) }
```

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

```
.background{ background-color: rgb(181,  
181, 244) }
```

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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