

Converting Colors

XYZ(44.8110, 34.3993, 91.5455)

Have a look what the booklet for
XYZ(44.8110, 34.3993, 91.5455)
contains.

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Color

**XYZ(44.8716, 34.4902,
91.4811)**

Conversions

Conversions Part 1

Format	Color
Hex	B689F6
RGB	182, 137, 246
RGB Percent	71%, 54%, 96%
CMY	0.2863, 0.4627, 0.0353
CMYK	0.26, 0.44, 0.00, 0.04
HSL	265°, 86%, 75%
HSV	265°, 44%, 96%
XYZ	44.8716, 34.4902, 91.4811
YIQ	162.8810, -8.1690, 43.4390

Conversions

Conversions Part 2

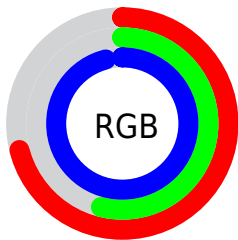
Format	Color
R _Y B	182, 137, 246
Decimal	11962870
CIE Lab	65.35, 38.68, -48.46
CIE LCh	65, 62.007, 308.596
Yxy	34.4902, 0.2626, 0.2019
Android (android.graphics.Color)	4290152950 (0xFFB689F6)
YUV	162.8810, 40.9777, 16.7674
Hunter-Lab	58.7284, 33.6089, -51.2461

Details

The XYZ color **44.8716, 34.4902, 91.4811** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **61.5593, 80.1359, 35.8914**, and the grayscale version is **34.5734, 36.3739, 39.6112**.

A 20% lighter version of the original color is **72.6160, 63.0069, 102.9420**, and **21.1173, 14.7653, 49.8811** is the 20% darker color. If you saturate the color by 10%, you get **38.5282, 26.6079, 90.2946**, and if you desaturate by 10%, it is **52.3666, 44.1508, 92.9514**.

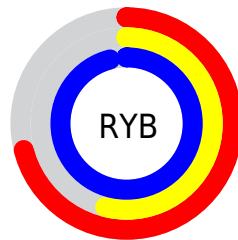
Distribution



Red (71%)

Green (54%)

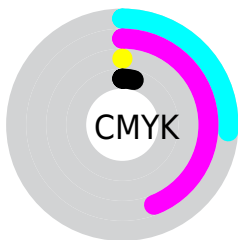
Blue (96%)



Red (71%)

Yellow (54%)

Blue (96%)

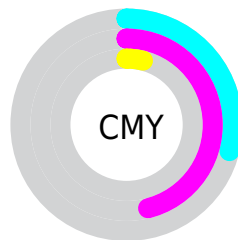


Cyan (26%)

Magenta (44%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (46%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8716, 34.4902, 91.4811 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 44.8716, 34.4902, 91.4811 by changing the saturation by 10% instead.

44.8716, 34.4902,
91.4811

44.8716, 34.4902,
91.4811

357.0457,
322.3123, 553.5311

31.5571, 23.2704,
68.6291

81.7660, 66.6952,
151.3475

21.1774, 14.7933,
49.9398

106.0766, 88.4493,
189.1989

13.3669, 8.6745,
34.9947

134.7833,
114.4836, 232.8872

7.7604, 4.5295,
23.3753

168.2514,
145.1825, 282.8309

3.9925, 1.9739,
14.6630

206.8464,
180.9305, 339.4487

1.6979, 0.5923,
8.4392

250.9335,

0.4550, 0.0000,

222.1118, 403.1589

4.2855

300.8782,
269.1110, 474.3802

■ 0.0000, 0.0000,
1.7832

■ 0.0000, 0.0000,
0.4169

■ 44.8716, 34.4902,
91.4811

■ 44.8716, 34.4902,
91.4811

■ 38.5282, 26.6079,
90.2946

■ 52.3666, 44.1508,
92.9514

■ 33.2669, 20.3845,
89.3707

■ 61.0691, 55.6902,
94.7200

■ 29.0161, 15.6921,
88.6890

■ 71.0359, 69.2062,
96.8036

■ 25.6923, 12.3810,
88.2251

■ 82.3187, 84.7884,
99.2166

■ 23.1952, 10.2691,
87.9490

■ 93.3492, 99.2867,
101.4336

■ 22.0646, 9.4531,
87.8511

■ 93.6347, 99.4339,
101.4470

Harmonies

Analogous

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



35.4504, 34.4902, 111.4655



44.8716, 34.4902, 91.4811



51.7856, 34.4902, 58.8214

Triad

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



44.8716, 34.4902, 91.4811



39.5472, 34.4902, 7.6502



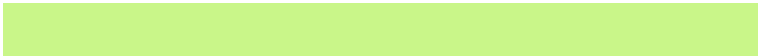
18.4176, 34.4902, 45.5007

Complementary

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



44.8716, 34.4902, 91.4811



61.5593, 80.1359, 35.8914

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.



19.1098, 34.4902, 22.1519



44.8716, 34.4902, 91.4811



30.2507, 34.4902, 6.6971

Square

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



44.8716, 34.4902, 91.4811



48.3394, 34.4902, 14.2646



23.0858, 34.4902, 10.5277



20.9816, 34.4902, 77.9809

Rectangle

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



44.8716, 34.4902, 91.4811



53.4225, 34.4902, 38.7880



23.0858, 34.4902, 10.5277



18.2884, 34.4902, 36.3464

Sweetspot

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



44.8729, 34.4915, 91.4819



78.5697, 77.1365, 105.3555



48.1666, 54.4023, 95.1515



16.2707, 15.7620, 22.4348



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.



44.8729, 34.4915, 91.4819



42.5732, 29.8059, 98.1170



59.8751, 42.2255, 92.1840



16.2292, 16.2608, 20.8258



11.9275, 5.1232, 46.8982



1.1622, 0.5090, 4.1272

Inverse Universe

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



57.4952, 41.7023, 60.2780



58.2709, 38.7899, 58.5725



49.6668, 74.0051, 35.3348



16.9073, 16.6458, 19.2585



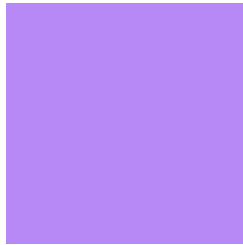
23.0625, 11.5685, 15.5696



2.0780, 1.0372, 1.6372

Previews

White Background



This preview shows how the XYZ color 44.8716, 34.4902, 91.4811 looks on a white background.

Color Contrast Check

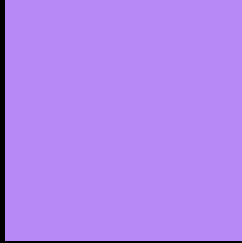
Large Text (above 18pt) WCAG AA × Fail

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 44.8716, 34.4902, 91.4811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

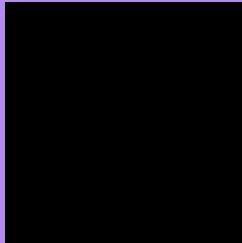
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8716, 34.4902, 91.4811

Background



This preview shows how black text looks on a background with the XYZ color 44.8716, 34.4902, 91.4811.



This preview shows how white text looks on a background with the XYZ color 44.8716, 34.4902,

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

44.8716, 34.4902, 91.4811

Protanopia

37.6842, 34.9900, 99.3753

Deuteranopia

35.8616, 34.7865, 88.8287



Tritanopia

34.8448, 34.5575, 41.3930

Trichromacy



Original Color

44.8716, 34.4902, 91.4811



Protanomaly

39.6458, 34.3628, 96.6386



Deuteranomaly

38.2393, 34.0345, 89.3479



Tritanomaly

37.7873, 34.0496, 56.8052

Monochromacy



Original Color

44.8716, 34.4902, 91.4811



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

37.7588, 35.5075, 55.3156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8716, 34.4902, 91.4811 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(182, 137, 246)` looks like.

```
.text, #text, p{  
    color:rgb(182, 137, 246)  
}
```

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(182, 137, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 137, 246) }
```

Border

The CSS property to change the border of an element to XYZ 44.8716, 34.4902, 91.4811 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(182, 137, 246) }
```


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

```
.border{ border-color:rgb(182, 137, 246) }
```

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

Here you see how a box with a 4 pixel rgb(182, 137, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 137, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 137, 246);  
box-shadow:4px 4px 4px 4px rgb(182, 137,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8716, 34.4902, 91.4811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 137, 246) }
```

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

```
.background{ background-color: rgb(182,  
137, 246) }
```

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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