

Converting Colors

XYZ(54.4044, 46.9924, 89.3221)

Have a look what the booklet for
XYZ(54.4044, 46.9924, 89.3221)
contains.

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Color

**XYZ(54.5084, 47.0526,
89.4283)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA8F1
RGB	203, 168, 241
RGB Percent	80%, 66%, 95%
CMY	0.2039, 0.3412, 0.0549
CMYK	0.16, 0.30, 0.00, 0.05
HSL	269°, 72%, 80%
HSV	269°, 30%, 95%
XYZ	54.5084, 47.0526, 89.4283
YIQ	186.7870, -2.5730, 30.1230

Conversions

Conversions Part 2

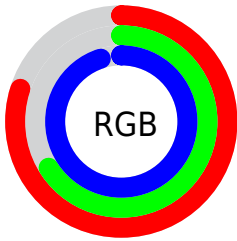
Format	Color
R _Y B	203, 168, 241
Decimal	13347057
CIE Lab	74.22, 26.52, -31.74
CIE LCh	74, 41.360, 309.876
Yxy	47.0526, 0.2854, 0.2464
Android (android.graphics.Color)	4291537137 (0xFFCBA8F1)
YUV	186.7870, 26.7270, 14.2188
Hunter-Lab	68.5949, 21.8026, -29.2809

Details

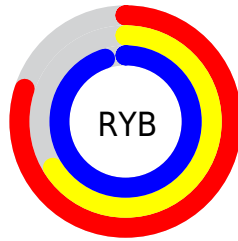
The XYZ color **54.5084, 47.0526, 89.4283** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.9782, 78.8607, 48.8974**, and the grayscale version is **46.9707, 49.4168, 53.8149**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **27.2151, 22.2895, 48.7668** is the 20% darker color. If you saturate the color by 10%, you get **47.1856, 37.2745, 87.9276**, and if you desaturate by 10%, it is **62.9353, 58.6261, 91.2188**.

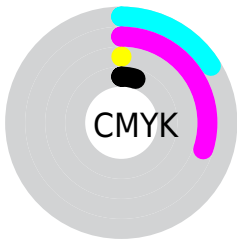
Distribution



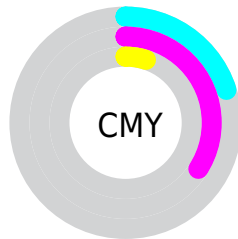
- Red (80%)
- Green (66%)
- Blue (95%)



- Red (80%)
- Yellow (66%)
- Blue (95%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (5%)




- Cyan (20%)
- Magenta (34%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5084, 47.0526, 89.4283 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 54.5084, 47.0526, 89.4283 by changing the saturation by 10% instead.


 54.5084, 47.0526,
89.4283


 54.5084, 47.0526,
89.4283


394.2125,
375.0244, 546.6914

 39.2406, 33.0772,
66.9355


 95.9728, 85.7921,
148.4726

 27.1285, 22.1856,
48.5710


 122.9001,
111.3251, 185.8612

 17.8068, 13.9934,
33.9161

154.4446,
141.4794, 229.0522

 10.9102, 8.1160,
22.5523

190.9717,
176.6394, 278.4641

 6.0733, 4.1693,
14.0611

232.8467,
217.1895, 334.5154

 2.9308, 1.7687,
8.0239

280.4349,

 1.1173, 0.4676,

263.5141, 397.6247

4.0223

334.1017,
315.9976, 468.2105

■ 0.0395, 0.0000,
1.6376

■ 0.0000, 0.0000,
0.3174

■ 54.5084, 47.0526,
89.4283

■ 54.5084, 47.0526,
89.4283

■ 47.1856, 37.2745,
87.9276

■ 62.9353, 58.6261,
91.2188

■ 40.9101, 29.1913,
86.6982

■ 72.5100, 72.0766,
93.3104

■ 35.6266, 22.7014,
85.7240

■ 83.2794, 87.4877,
95.7174

■ 31.2722, 17.6895,
84.9861

■ 92.2123, 98.7881,
97.4278

■ 27.7758, 14.0239,
84.4628

■ 92.8773, 99.1309,
97.4589

■ 25.0534, 11.5482,
84.1285

■ 23.0198, 10.0330,
83.9432

Harmonies

Analogous

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



47.2144, 47.0526, 102.9589



54.5084, 47.0526, 89.4283



59.5025, 47.0526, 66.6174

Triad

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



54.5084, 47.0526, 89.4283



49.8132, 47.0526, 21.6437



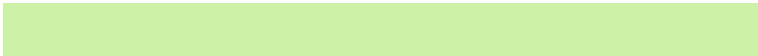
32.0860, 47.0526, 58.5660

Complementary

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



54.5084, 47.0526, 89.4283



63.9782, 78.8607, 48.8974

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.



32.6175, 47.0526, 38.4194



54.5084, 47.0526, 89.4283



42.3190, 47.0526, 20.5974

Square

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



54.5084, 47.0526, 89.4283



56.5907, 47.0526, 29.2446



36.1834, 47.0526, 25.8348



34.6410, 47.0526, 82.1525

Rectangle

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



54.5084, 47.0526, 89.4283



60.5625, 47.0526, 51.3206



36.1834, 47.0526, 25.8348



31.9168, 47.0526, 51.1440

Sweetspot

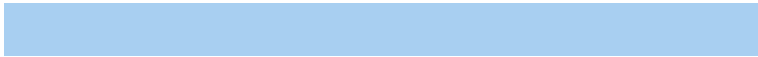
The Sweet Spot groups the original color and five complimentary colors.



54.5100, 47.0545, 89.4294



83.9012, 84.0256, 106.4042



54.3239, 59.2708, 91.7971



17.5951, 17.4692, 22.6945



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.



54.5100, 47.0545, 89.4294



56.9745, 46.7816, 100.6346



65.3316, 52.6333, 89.9358



15.6184, 15.6005, 19.9096



12.6369, 5.5199, 45.5273



1.1655, 0.5181, 3.7928

Inverse Universe

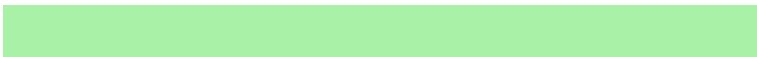
The Inverse Universe completely reimagines the original color for something new.



61.4203, 51.1641, 65.0328



66.1289, 52.2279, 68.2149



55.1961, 74.3334, 48.4864



16.1165, 15.8963, 18.1695



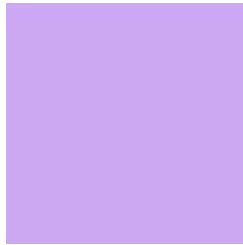
21.7632, 10.9777, 11.9355



1.8608, 0.9334, 1.2577

Previews

White Background



This preview shows how the XYZ color 54.5084, 47.0526, 89.4283 looks on a white background.

Color Contrast Check

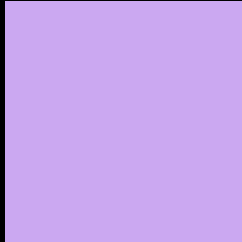
Large Text (above 18pt) WCAG AA × Fail

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 54.5084, 47.0526, 89.4283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

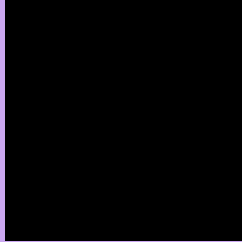
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5084, 47.0526, 89.4283

Background



This preview shows how black text looks on a background with the XYZ color 54.5084, 47.0526, 89.4283.



This preview shows how white text looks on a background with the XYZ color 54.5084, 47.0526,

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

54.5084, 47.0526, 89.4283

Protanopia

48.4769, 47.2260, 97.0030

Deuteranopia

48.4788, 47.4206, 88.2593



Tritanopia

47.9405, 47.2487, 56.4623

Trichromacy



Original Color

54.5084, 47.0526, 89.4283

Protanomaly

50.4453, 47.1132, 94.4307

Deuteranomaly

50.5449, 47.2870, 88.9014

Tritanomaly

50.0576, 46.9310, 67.3930

Monochromacy



Original Color

54.5084, 47.0526, 89.4283

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.5761, 48.4850, 65.7771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5084, 47.0526, 89.4283 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(203, 168, 241)` looks like.

```
.text, #text, p{  
    color:rgb(203, 168, 241)  
}
```

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(203, 168, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 168, 241) }
```

Border

The CSS property to change the border of an element to XYZ 54.5084, 47.0526, 89.4283 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(203, 168, 241) }
```


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

```
.border{ border-color:rgb(203, 168, 241) }
```

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

Here you see how a box with a 4 pixel rgb(203, 168, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 168, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 168, 241);  
box-shadow:4px 4px 4px 4px rgb(203, 168,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5084, 47.0526, 89.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 168, 241) }
```

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

```
.background{ background-color: rgb(203,  
168, 241) }
```

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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