

Converting Colors

XYZ(54.6686, 48.1295, 88.5317)

Have a look what the booklet for
XYZ(54.6686, 48.1295, 88.5317)
contains.

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Color

**XYZ(54.6482, 47.9736,
88.8176)**

Conversions

Conversions Part 1

Format	Color
Hex	CAABF0
RGB	202, 171, 240
RGB Percent	79%, 67%, 94%
CMY	0.2078, 0.3294, 0.0588
CMYK	0.16, 0.29, 0.00, 0.06
HSL	267°, 70%, 81%
HSV	267°, 29%, 94%
XYZ	54.6482, 47.9736, 88.8176
YIQ	188.1350, -3.6730, 28.0310

Conversions

Conversions Part 2

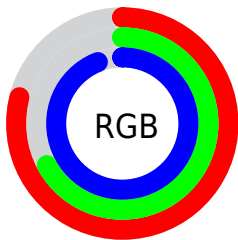
Format	Color
R_{YB}	202, 171, 240
Decimal	13282288
CIE _{Lab}	74.81, 24.35, -30.31
CIE _{LCh}	75, 38.877, 308.783
Yxy	47.9736, 0.2855, 0.2506
Android (android.graphics.Color)	4291472368 (0xFFCAABF0)
YUV	188.1350, 25.5694, 12.1596
Hunter-Lab	69.2630, 19.6255, -27.5449

Details

The XYZ color **54.6482, 47.9736, 88.8176** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **64.8067, 78.8169, 50.3276**, and the grayscale version is **47.7388, 50.2249, 54.6949**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **27.2812, 22.8574, 48.3214** is the 20% darker color. If you saturate the color by 10%, you get **47.0956, 37.9513, 87.2819**, and if you desaturate by 10%, it is **63.3333, 59.8038, 90.6441**.

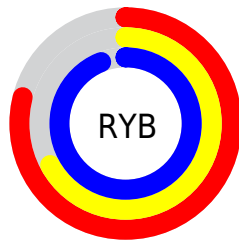
Distribution



Red (79%)

Green (67%)

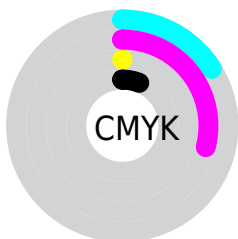
Blue (94%)



Red (79%)

Yellow (67%)

Blue (94%)

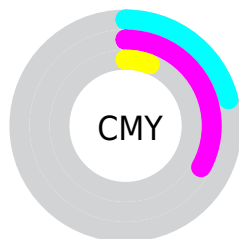


Cyan (16%)

Magenta (29%)

Yellow (0%)

Black (6%)



Cyan (21%)

Magenta (33%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6482, 47.9736, 88.8176 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 54.6482, 47.9736, 88.8176 by changing the saturation by 10% instead.

■ 54.6482, 47.9736,
88.8176

■ 54.6482, 47.9736,
88.8176

394.7351,
378.6875, 544.6475

■ 39.3529, 33.8060,
66.4322

■ 96.1767, 87.1651,
147.6160

■ 27.2163, 22.7446,
48.1646

123.1405,
112.9578, 184.8661

■ 17.8732, 14.4050,
33.5964

154.7245,
143.3942, 227.9082

■ 10.9581, 8.4029,
22.3089

191.2941,
178.8589, 277.1609

■ 6.1058, 4.3538,
13.8835

233.2146,
219.7362, 333.0426

■ 2.9508, 1.8734,
7.9019

280.8514,

■ 1.1278, 0.5323,

266.4104, 395.9719

3.9454

334.5698,
319.2661, 466.3674

■ 0.0482, 0.0000,
1.5954

■ 0.0000, 0.0000,
0.2875

■ 54.6482, 47.9736,
88.8176

■ 54.6482, 47.9736,
88.8176

■ 47.0956, 37.9513,
87.2819

■ 63.3333, 59.8038,
90.6441

■ 40.6186, 29.6380,
86.0187

■ 73.1948, 73.5222,
92.7722

■ 35.1620, 22.9338,
85.0122

■ 84.2798, 89.2114,
95.2163

■ 30.6632, 17.7260,
84.2441

■ 92.6814, 99.0472,
96.6720

■ 27.0518, 13.8864,
83.6934

■ 92.7283, 99.0713,
96.6742

■ 24.2455, 11.2640,
83.3351

■ 22.1268, 9.6382,
83.1330

■ 21.8915, 9.4686,
83.1126

Harmonies

Analogous

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



47.7036, 47.9736, 100.8989



54.6482, 47.9736, 88.8176



59.4721, 47.9736, 67.6207

Triad

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



54.6482, 47.9736, 88.8176



50.6934, 47.9736, 23.7100



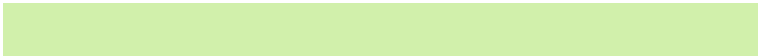
33.4450, 47.9736, 58.4045

Complementary

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



54.6482, 47.9736, 88.8176



64.8067, 78.8169, 50.3276

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.



34.0683, 47.9736, 39.3805



54.6482, 47.9736, 88.8176



43.5542, 47.9736, 22.4449

Square

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



54.6482, 47.9736, 88.8176



57.0299, 47.9736, 31.4565



37.6056, 47.9736, 27.3951



35.8051, 47.9736, 80.5953

Rectangle

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



54.6482, 47.9736, 88.8176



60.5746, 47.9736, 53.0661



37.6056, 47.9736, 27.3951



33.3180, 47.9736, 51.4128

Sweetspot

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



54.6498, 47.9756, 88.8187



83.6626, 83.9025, 106.3931



55.5956, 61.0934, 91.3008



17.5364, 17.4390, 22.6917



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.



54.6498, 47.9756, 88.8187



57.9106, 48.6379, 100.9436



64.6856, 53.1492, 89.2883



15.5716, 15.5764, 19.9074



12.1320, 5.2597, 45.5037



1.1222, 0.4958, 3.7908

Inverse Universe

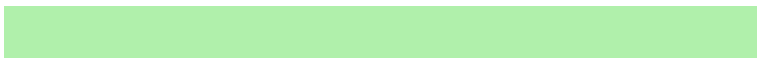
The Inverse Universe completely reimagines the original color for something new.



62.0081, 52.2564, 67.1416



67.6990, 54.3365, 71.9182



56.3265, 74.4452, 49.9307



16.1371, 15.9046, 18.2782



22.0260, 11.0828, 13.3194



1.8824, 0.9420, 1.3717

Previews

White Background



This preview shows how the XYZ color 54.6482, 47.9736, 88.8176 looks on a white background.

Color Contrast Check

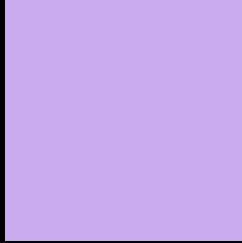
Large Text (above 18pt) WCAG AA × Fail

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 54.6482, 47.9736, 88.8176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

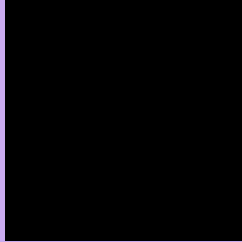
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6482, 47.9736, 88.8176

Background



This preview shows how black text looks on a background with the XYZ color 54.6482, 47.9736, 88.8176.



This preview shows how white text looks on a background with the XYZ color 54.6482, 47.9736,

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

54.6482, 47.9736, 88.8176

Protanopia

49.1883, 48.2325, 95.5242

Deuteranopia

49.1901, 48.1050, 87.5815



Tritanopia

48.3070, 48.0069, 57.7591

Trichromacy



Original Color

54.6482, 47.9736, 88.8176

Protanomaly

50.7619, 47.8983, 92.9561

Deuteranomaly

51.0693, 47.8666, 88.2089

Tritanomaly

50.5060, 48.0177, 68.2344

Monochromacy



Original Color

54.6482, 47.9736, 88.8176

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.9828, 49.2983, 65.9126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6482, 47.9736, 88.8176 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(202, 171, 240)` looks like.

```
.text, #text, p{  
    color:rgb(202, 171, 240)  
}
```

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(202, 171, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 171, 240) }
```

Border

The CSS property to change the border of an element to XYZ 54.6482, 47.9736, 88.8176 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(202, 171, 240) }
```


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

```
.border{ border-color:rgb(202, 171, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 171, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 171, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 171, 240);  
box-shadow:4px 4px 4px 4px rgb(202, 171,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6482, 47.9736, 88.8176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 171, 240) }
```

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

```
.background{ background-color: rgb(202,  
171, 240) }
```

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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