

Converting Colors

XYZ(53.4799, 45.6551, 88.6882)

Have a look what the booklet for
XYZ(53.4799, 45.6551, 88.6882)
contains.

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Color

**XYZ(53.5404, 45.7581,
88.4484)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA5F0
RGB	202, 165, 240
RGB Percent	79%, 65%, 94%
CMY	0.2078, 0.3529, 0.0588
CMYK	0.16, 0.31, 0.00, 0.06
HSL	270°, 71%, 79%
HSV	270°, 31%, 94%
XYZ	53.5404, 45.7581, 88.4484
YIQ	184.6130, -2.0230, 31.1690

Conversions

Conversions Part 2

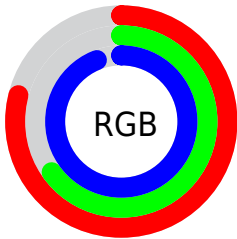
Format	Color
R _Y B	202, 165, 240
Decimal	13280752
CIE Lab	73.39, 27.64, -32.49
CIE LCh	73, 42.662, 310.388
Yxy	45.7581, 0.2852, 0.2437
Android (android.graphics.Color)	4291470832 (0xFFCAA5F0)
YUV	184.6130, 27.3058, 15.2484
Hunter-Lab	67.6447, 22.9034, -30.1729

Details

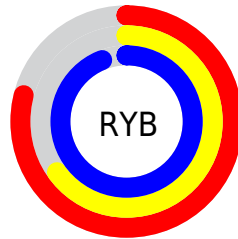
The XYZ color **53.5404, 45.7581, 88.4484** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.5817, 77.7345, 47.3052**, and the grayscale version is **45.7547, 48.1375, 52.4217**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **26.5895, 21.4740, 48.0909** is the 20% darker color. If you saturate the color by 10%, you get **46.4496, 36.2691, 86.9913**, and if you desaturate by 10%, it is **61.7058, 57.0090, 90.1904**.

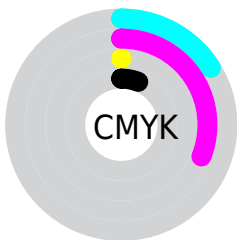
Distribution



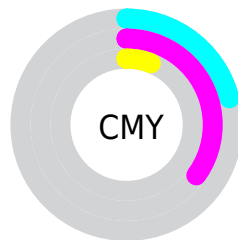
- Red (79%)
- Green (65%)
- Blue (94%)



- Red (79%)
- Yellow (65%)
- Blue (94%)



- Cyan (16%)
- Magenta (31%)
- Yellow (0%)
- Black (6%)





- Cyan (21%)
- Magenta (35%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5404, 45.7581, 88.4484 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 53.5404, 45.7581, 88.4484 by changing the saturation by 10% instead.


 53.5404, 45.7581,
88.4484


 53.5404, 45.7581,
88.4484


390.5820,
369.8353, 543.4098

 38.4635, 32.0550,
66.1280


 94.5599, 83.8569,
147.0979

 26.5215, 21.4035,
47.9192


 121.2333,
109.0213, 184.2641

 17.3489, 13.4193,
33.4034


152.5030,
138.7749, 227.2160

 10.5804, 7.7179,
22.1620

188.7342,
173.5022, 276.3721

 5.8506, 3.9150,
13.7765

230.2923,
213.5875, 332.1510

 2.7943, 1.6261,
7.8284

277.5428,

 1.0459, 0.3751,

259.4151, 394.9713

3.8992

330.8509,
311.3696, 465.2514

■ 0.0000, 0.0000,
1.5702

■ 0.0000, 0.0000,
0.2694

■ 53.5404, 45.7581,
88.4484

■ 53.5404, 45.7581,
88.4484

■ 46.4496, 36.2691,
86.9913

■ 61.7058, 57.0090,
90.1904

■ 40.3772, 28.4422,
85.8006

■ 70.9890, 70.1030,
92.2285

■ 35.2688, 22.1761,
84.8604

■ 81.4360, 85.1232,
94.5771

■ 31.0619, 17.3556,
84.1516

■ 91.1435, 98.2543,
96.6000

■ 27.6856, 13.8488,
83.6527

■ 92.7283, 99.0713,
96.6742

■ 25.0560, 11.4981,
83.3376

■ 23.2538, 10.1709,
83.1764

Harmonies

Analogous

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



46.1490, 45.7581, 102.6059



53.5404, 45.7581, 88.4484



58.5693, 45.7581, 65.0405

Triad

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



53.5404, 45.7581, 88.4484



48.5232, 45.7581, 20.1277



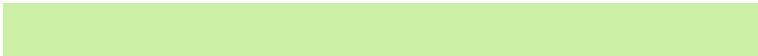
30.7730, 45.7581, 57.6618

Complementary

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



53.5404, 45.7581, 88.4484



62.5817, 77.7345, 47.3052

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.



31.2530, 45.7581, 37.1857



53.5404, 45.7581, 88.4484



40.9384, 45.7581, 19.2012

Square

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



53.5404, 45.7581, 88.4484



55.4496, 45.7581, 27.5346



34.7862, 45.7581, 24.4862



33.3898, 45.7581, 81.7282

Rectangle

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



53.5404, 45.7581, 88.4484



59.5969, 45.7581, 49.5431



34.7862, 45.7581, 24.4862



30.5857, 45.7581, 50.1035

Sweetspot

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



53.5419, 45.7600, 88.4494



84.0113, 84.0823, 106.4094



52.7804, 57.3593, 90.7285



17.6222, 17.4832, 22.6958



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.



53.5419, 45.7600, 88.4494



56.5205, 45.8811, 100.4847



64.6968, 51.5105, 88.9715



15.6399, 15.6116, 19.9106



12.8824, 5.6465, 45.5388



1.1863, 0.5288, 3.7938

Inverse Universe

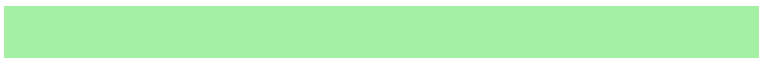
The Inverse Universe completely reimagines the original color for something new.



60.1713, 49.7492, 62.9330



65.3650, 51.2041, 66.4064



53.7315, 73.1720, 46.8910



16.1070, 15.8925, 18.1196



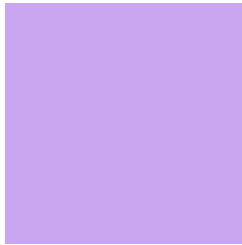
21.6484, 10.9318, 11.3308



1.8512, 0.9295, 1.2073

Previews

White Background



This preview shows how the XYZ color 53.5404, 45.7581, 88.4484 looks on a white background.

Color Contrast Check

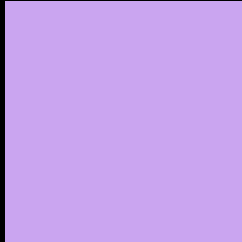
Large Text (above 18pt) WCAG AA × Fail

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 53.5404, 45.7581, 88.4484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

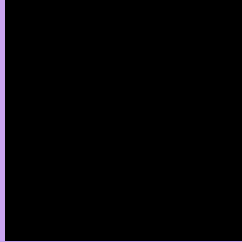
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5404, 45.7581, 88.4484

Background



This preview shows how black text looks on a background with the XYZ color 53.5404, 45.7581, 88.4484.



This preview shows how white text looks on a background with the XYZ color 53.5404, 45.7581,

88.4484.

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

53.5404, 45.7581, 88.4484

Protanopia

47.4738, 46.1138, 96.8412

Deuteranopia

47.0911, 45.8328, 87.2536



Tritanopia

46.7634, 45.8034, 54.5204

Trichromacy



Original Color

53.5404, 45.7581, 88.4484

Protanomaly

49.2573, 45.6549, 93.4049

Deuteranomaly

49.3459, 45.8224, 87.9052

Tritanomaly

48.9740, 45.5502, 65.8854

Monochromacy



Original Color

53.5404, 45.7581, 88.4484

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.4257, 47.3249, 64.3399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5404, 45.7581, 88.4484 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, 165, 240)` looks like.

```
.text, #text, p{  
    color:rgb(202, 165, 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, 165, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 165, 240) }
```

Border

The CSS property to change the border of an element to XYZ 53.5404, 45.7581, 88.4484 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, 165, 240) }
```


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

```
.border{ border-color:rgb(202, 165, 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, 165, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 165, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 165, 240);  
box-shadow:4px 4px 4px 4px rgb(202, 165,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5404, 45.7581, 88.4484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 165, 240) }
```

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

```
.background{ background-color: rgb(202,  
165, 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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