

Converting Colors

XYZ(41.8755, 30.6224, 54.3578)

Have a look what the booklet for
XYZ(41.8755, 30.6224, 54.3578)
contains.

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Color

**XYZ(41.9166, 30.6468,
54.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	CE79C1
RGB	206, 121, 193
RGB Percent	81%, 47%, 76%
CMY	0.1922, 0.5255, 0.2431
CMYK	0.00, 0.41, 0.06, 0.19
HSL	309°, 46%, 64%
HSV	309°, 41%, 81%
XYZ	41.9166, 30.6468, 54.1583
YIQ	154.6230, 27.5480, 40.4120

Conversions

Conversions Part 2

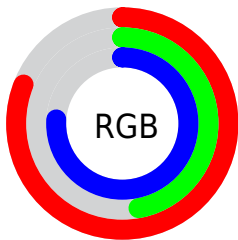
Format	Color
R_{YB}	206, 121, 193
Decimal	13531585
CIE _{Lab}	62.21, 43.48, -23.62
CIE _{LCh}	62, 49.483, 331.486
Yxy	30.6468, 0.3308, 0.2418
Android (android.graphics.Color)	4291721665 (0xFFCE79C1)
YUV	154.6230, 18.9199, 45.0576
Hunter-Lab	55.3596, 38.2757, -19.2518

Details

The XYZ color **41.9166, 30.6468, 54.1583** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.2608, 49.9298, 30.3878**, and the grayscale version is **30.9008, 32.5100, 35.4034**.

A 20% lighter version of the original color is **73.8253, 58.8221, 97.9053**, and **19.3660, 12.6044, 25.8383** is the 20% darker color. If you saturate the color by 10%, you get **39.3279, 26.0253, 51.5799**, and if you desaturate by 10%, it is **45.0493, 36.3431, 56.9556**.

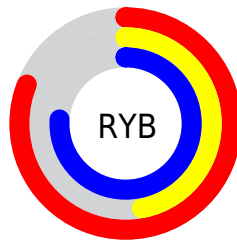
Distribution



Red (81%)

Green (47%)

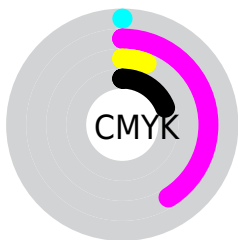
Blue (76%)



Red (81%)

Yellow (47%)

Blue (76%)

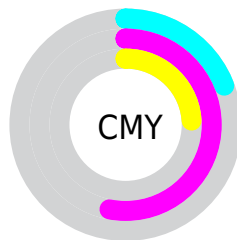


Cyan (0%)

Magenta (41%)

Yellow (6%)

Black (19%)



Cyan (19%)


Magenta (53%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9166, 30.6468, 54.1583 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 41.9166, 30.6468, 54.1583 by changing the saturation by 10% instead.


 41.9166, 30.6468,
54.1583

 41.9166, 30.6468,
54.1583

345.1346,
304.9078, 419.9050

 29.2268, 20.3300,
38.3342


 77.3393, 60.6836,
97.7654

 19.3976, 12.6352,
25.9383

 100.8030, 81.1724,
126.3854

 12.0636, 7.1778,
16.5522


 128.5887,
105.8206, 160.1079

 6.8595, 3.5736,
9.7571

161.0617,
135.0128, 199.3513

 3.4200, 1.4380,
5.1347

198.5875,
169.1331, 244.5342

 1.3795, 0.2445,
2.2664

241.5313,

 0.2416, 0.0000,

208.5662, 296.0750

0.7123

290.2586,
253.6963, 354.3925

■ 0.0000, 0.0000,
0.0000

■ 41.9166, 30.6468,
54.1583

■ 41.9166, 30.6468,
54.1583

■ 39.3279, 26.0253,
51.5799

■ 45.0493, 36.3431,
56.9556

■ 37.2457, 22.4057,
49.2067

■ 48.7543, 43.1725,
59.9806

■ 35.6328, 19.7127,
47.0265

■ 53.0616, 51.1944,
63.2437

■ 34.4453, 17.8587,
45.0243

■ 57.9982, 60.4625,
66.7542

■ 33.6307, 16.7389,
43.1824

■ 63.5893, 71.0275,
70.5207

■ 33.1420, 16.1972,
41.6764

■ 69.8588, 82.9371,
74.5515

■ 73.4869, 89.5512,
77.7399

■ 73.8959, 89.7148,
79.8939

■ 74.3128, 89.8815,
82.0892

Harmonies

Analogous

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



36.3552, 30.6468, 75.5239



41.9166, 30.6468, 54.1583



43.9257, 30.6468, 32.4258

Triad

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



41.9166, 30.6468, 54.1583



28.7976, 30.6468, 8.4696



19.5022, 30.6468, 56.4685

Complementary

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



41.9166, 30.6468, 54.1583



34.2608, 49.9298, 30.3878

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.



18.0954, 30.6468, 34.3306



41.9166, 30.6468, 54.1583



22.9298, 30.6468, 10.8223

Square

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



41.9166, 30.6468, 54.1583



35.6916, 30.6468, 10.3790



19.2488, 30.6468, 18.7246



23.4244, 30.6468, 77.1776

Rectangle

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



41.9166, 30.6468, 54.1583



42.7695, 30.6468, 21.6412



19.2488, 30.6468, 18.7246



18.7489, 30.6468, 48.7142

Sweetspot

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



41.9176, 30.6482, 54.1589



85.3088, 81.7088, 101.9807



27.7711, 23.1804, 61.4037



18.0523, 17.1018, 21.6745



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.



41.9176, 30.6482, 54.1589



63.9617, 42.5953, 83.8261



37.8578, 29.0243, 32.7803



11.6109, 11.3731, 13.7518



20.4366, 9.9852, 25.8155



1.0748, 0.5233, 1.4395

Inverse Universe

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



41.9176, 30.6482, 54.1589



63.9617, 42.5953, 83.8261



37.8189, 51.3530, 49.1242



11.6109, 11.3731, 13.7518



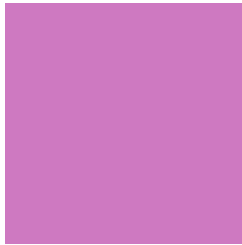
20.4366, 9.9852, 25.8155



1.0748, 0.5233, 1.4395

Previews

White Background



This preview shows how the XYZ color 41.9166, 30.6468, 54.1583 looks on a white background.

Color Contrast Check

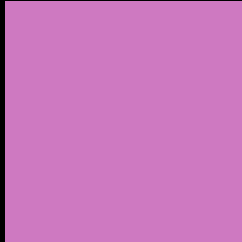
Large Text (above 18pt) WCAG AA × Fail

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 41.9166, 30.6468, 54.1583 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 41.9166, 30.6468, 54.1583

Background



This preview shows how black text looks on a background with the XYZ color 41.9166, 30.6468, 54.1583.



This preview shows how white text looks on a background with the XYZ color 41.9166, 30.6468,

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

41.9166, 30.6468, 54.1583

Protanopia

32.0910, 31.0958, 67.9290

Deuteranopia

31.5211, 30.9216, 51.8841



Tritanopia

36.9532, 30.7349, 29.5760

Trichromacy



Original Color

41.9166, 30.6468, 54.1583



Protanomaly

34.4737, 30.1906, 62.4029



Deuteranomaly

34.5312, 30.2195, 52.7282



Tritanomaly

38.5093, 30.5681, 37.5888

Monochromacy



Original Color

41.9166, 30.6468, 54.1583



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

34.4395, 31.5082, 41.8026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9166, 30.6468, 54.1583 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(206, 121, 193)` looks like.

```
.text, #text, p{  
    color:rgb(206, 121, 193)  
}
```

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(206, 121, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 121, 193) }
```

Border

The CSS property to change the border of an element to XYZ 41.9166, 30.6468, 54.1583 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(206, 121, 193) }
```


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

```
.border{ border-color:rgb(206, 121, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 121, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 121, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 121, 193);  
box-shadow:4px 4px 4px 4px rgb(206, 121,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9166, 30.6468, 54.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 121, 193) }
```

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

```
.background{ background-color: rgb(206,  
121, 193) }
```

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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