

Converting Colors

XYZ(47.4192, 28.8217, 45.2683)

Have a look what the booklet for
XYZ(47.4192, 28.8217, 45.2683)
contains.

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Color

**XYZ(47.5434, 28.8844,
45.1889)**

Conversions

Conversions Part 1

Format	Color
Hex	F059B2
RGB	240, 89, 178
RGB Percent	94%, 35%, 70%
CMY	0.0588, 0.6509, 0.3020
CMYK	0.00, 0.63, 0.26, 0.06
HSL	325°, 83%, 65%
HSV	325°, 63%, 94%
XYZ	47.5434, 28.8844, 45.1889
YIQ	144.2950, 61.4270, 59.6910

Conversions

Conversions Part 2

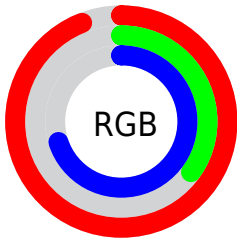
Format	Color
R_{YB}	240, 89, 178
Decimal	15751602
CIE _{Lab}	60.68, 66.39, -16.98
CIE _{LCh}	61, 68.527, 345.656
Yxy	28.8844, 0.3909, 0.2375
Android (android.graphics.Color)	4293941682 (0xFFFF059B2)
YUV	144.2950, 16.6166, 83.9333
Hunter-Lab	53.7442, 63.8530, -12.2309

Details

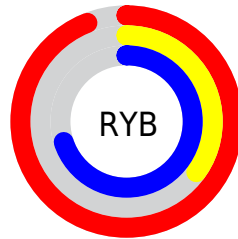
The XYZ color **47.5434, 28.8844, 45.1889** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **40.8674, 66.6792, 39.9981**, and the grayscale version is **26.5473, 27.9298, 30.4155**.

A 20% lighter version of the original color is **66.5250, 48.0680, 83.6137**, and **22.7569, 11.6497, 20.4512** is the 20% darker color. If you saturate the color by 10%, you get **44.9075, 25.1395, 39.6025**, and if you desaturate by 10%, it is **50.9028, 33.9621, 51.3677**.

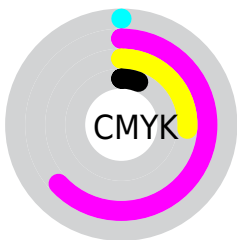
Distribution



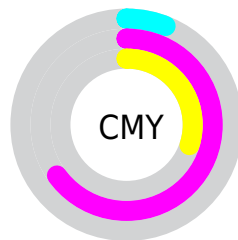
- Red (94%)
- Green (35%)
- Blue (70%)



- Red (94%)
- Yellow (35%)
- Blue (70%)



- Cyan (0%)
- Magenta (63%)
- Yellow (26%)
- Black (6%)





- Cyan (6%)
- Magenta (65%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5434, 28.8844, 45.1889 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 47.5434, 28.8844, 45.1889 by changing the saturation by 10% instead.


 47.5434, 28.8844,
45.1889


 47.5434, 28.8844,
45.1889


367.5922,
296.6691, 383.7205


 33.6752, 18.9934,
31.2622


 85.7380, 57.8934,
84.3253


 22.8059, 11.6655,
20.5385


 110.7951, 77.7801,
110.3720

 14.5701, 6.5163,
12.5991


 140.3125,
101.7676, 141.2958

 8.6026, 3.1615,
7.0256

 174.6557,
130.2401, 177.5153

 4.5379, 1.2166,
3.3994

214.1898,
163.5821, 219.4490

 2.0107, 0.0752,
1.3020

259.2804,

 0.6400, 0.0000,

202.1781, 267.5154

0.0635

310.2927,
246.4123, 322.1330

■ 0.0000, 0.0000,
0.0000

■ 47.5434, 28.8844,
45.1889

■ 47.5434, 28.8844,
45.1889

■ 44.9075, 25.1395,
39.6025

■ 50.9028, 33.9621,
51.3677

■ 42.9251, 22.5904,
34.5772

■ 55.0418, 40.4830,
58.1639


■ 41.5157, 21.0784,
30.0787


■ 60.0133, 48.5508,
65.6025


■ 40.7767, 20.4619,
27.1764

■ 65.8651, 58.2585,
73.7058

■ 72.6409, 69.6918,
82.4952

 80.3816, 82.9301,
91.9905

 88.4813, 96.7597,
101.9959

 89.7452, 97.2653,
108.6517

Harmonies

Analogous

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



41.5662, 28.8844, 79.5137



47.5434, 28.8844, 45.1889



47.3977, 28.8844, 20.0127

Triad

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



47.5434, 28.8844, 45.1889



23.0986, 28.8844, 3.9524



17.1641, 28.8844, 80.9916

Complementary

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



47.5434, 28.8844, 45.1889



40.8674, 66.6792, 39.9981

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.



14.0752, 28.8844, 46.5797



47.5434, 28.8844, 45.1889



16.9629, 28.8844, 8.1559

Square

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



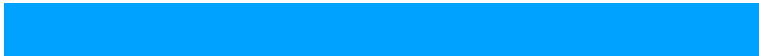
47.5434, 28.8844, 45.1889



31.9054, 28.8844, 3.8802



14.0105, 28.8844, 20.8233



23.4367, 28.8844, 106.6071

Rectangle

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



47.5434, 28.8844, 45.1889



43.7976, 28.8844, 10.6886



14.0105, 28.8844, 20.8233



15.7849, 28.8844, 69.4386

Sweetspot

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



47.5443, 28.8859, 45.1894



78.4546, 71.6722, 88.3764



31.7698, 19.8652, 84.5981



16.3321, 14.5671, 18.3093



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.



47.5443, 28.8859, 45.1894



50.9424, 28.0519, 44.0479



42.0125, 26.6732, 16.0596



16.1637, 15.9152, 18.4182



22.3895, 11.2282, 15.2334



1.9119, 0.9538, 1.5269

Inverse Universe

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



47.5443, 28.8859, 45.1894



50.9424, 28.0519, 44.0479



48.8579, 69.8754, 82.0756



16.1637, 15.9152, 18.4182



22.3895, 11.2282, 15.2334



1.9119, 0.9538, 1.5269

Previews

White Background



This preview shows how the XYZ color 47.5434, 28.8844, 45.1889 looks on a white background.

Color Contrast Check

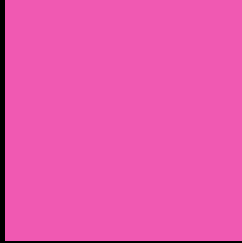
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5434, 28.8844, 45.1889 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 × Fail

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

XYZ 47.5434, 28.8844, 45.1889

Background



This preview shows how black text looks on a background with the XYZ color 47.5434, 28.8844, 45.1889.



This preview shows how white text looks on a background with the XYZ color 47.5434, 28.8844,

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

47.5434, 28.8844, 45.1889

Protanopia

30.6542, 29.1460, 70.3398

Deuteranopia

29.6558, 29.0312, 42.0708



Tritanopia

41.9079, 28.7654, 18.6727

Trichromacy



Original Color

47.5434, 28.8844, 45.1889



Protanomaly

33.5042, 26.7264, 59.8928



Deuteranomaly

34.1542, 27.2503, 42.9949



Tritanomaly

43.4978, 28.5341, 26.5076

Monochromacy



Original Color

47.5434, 28.8844, 45.1889



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

31.7988, 26.3993, 34.8721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5434, 28.8844, 45.1889 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(240, 89, 178)` looks like.

```
.text, #text, p{  
    color:rgb(240, 89, 178)  
}
```

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(240, 89, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 89, 178) }
```

Border

The CSS property to change the border of an element to XYZ 47.5434, 28.8844, 45.1889 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(240, 89, 178) }
```


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

```
.border{ border-color:rgb(240, 89, 178) }
```

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

Here you see how a box with a 4 pixel rgb(240, 89, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 89, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 89, 178);  
box-shadow:4px 4px 4px 4px rgb(240, 89,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5434, 28.8844, 45.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 89, 178) }
```

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

```
.background{ background-color: rgb(240, 89,  
178) }
```

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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