

Converting Colors

XYZ(47.9045, 26.0365, 30.5177)

Have a look what the booklet for
XYZ(47.9045, 26.0365, 30.5177)
contains.

XYZ(47.9045, 26.0365, 30.5177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.9045, 26.0365,
30.5177)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3694
RGB	255, 54, 148
RGB Percent	100%, 21%, 58%
CMY	0.0000, 0.7882, 0.4196
CMYK	0.00, 0.79, 0.42, 0.00
HSL	332°, 100%, 61%
HSV	332°, 79%, 100%
XYZ	47.9045, 26.0365, 30.5177
YIQ	124.8150, 89.6220, 71.8460

Conversions

Conversions Part 2

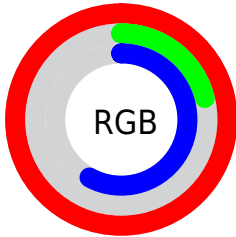
Format	Color
R _Y B	255, 54, 148
Decimal	16725652
CIE Lab	58.07, 78.63, -3.18
CIE LCh	58, 78.698, 357.687
Yxy	26.0365, 0.4586, 0.2493
Android (android.graphics.Color)	4294915732 (0xFFFF3694)
YUV	124.8150, 11.4302, 114.1722
Hunter-Lab	51.0260, 78.2849, 0.2579

Details

The XYZ color **47.9045, 26.0365, 30.5177** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **43.7166, 74.8784, 45.8744**, and the grayscale version is **19.3751, 20.3841, 22.1983**.

A 20% lighter version of the original color is **58.7380, 39.1990, 60.3474**, and **23.9428, 12.0883, 12.6266** is the 20% darker color. If you saturate the color by 10%, you get **46.0003, 23.8483, 24.8886**, and if you desaturate by 10%, it is **50.5573, 29.5203, 37.0185**.

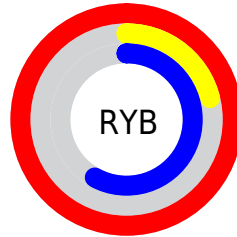
Distribution



Red (100%)

Green (21%)

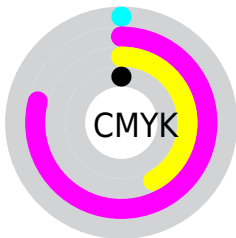
Blue (58%)



Red (100%)

Yellow (21%)

Blue (58%)

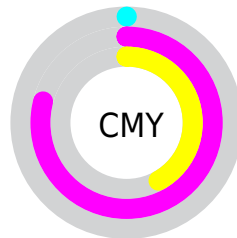


Cyan (0%)

Magenta (79%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9045, 26.0365, 30.5177 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 47.9045, 26.0365, 30.5177 by changing the saturation by 10% instead.


 47.9045, 26.0365,
30.5177


 47.9045, 26.0365,
30.5177

369.0024,
282.9612, 318.5923

 33.9622, 16.8509,
19.9765


 86.2728, 53.3338,
61.5506


 23.0273, 10.1283,
12.1940


 111.4294, 72.2144,
82.8793


 14.7345, 5.4841,
6.7518


 141.0549, 95.0954,
108.6410

 8.7184, 2.5340,
3.2313

 175.5146,
122.3613, 139.2542

 4.6136, 0.8936,
1.2139

 215.1738,
154.3964, 175.1373

 2.0548, 0.0000,
0.0000

260.3980,

 0.6644, 0.0000,

191.5852, 216.7090

0.0000

311.5524,
234.3120, 264.3878

■ 0.0000, 0.0000,
0.0000

■ 47.9045, 26.0365,
30.5177

■ 47.9045, 26.0365,
30.5177

■ 46.0003, 23.8483,
24.8886

■ 50.5573, 29.5203,
37.0185

■ 44.7146, 22.7022,
20.0659

■ 54.0460, 34.4676,
44.4400

■ 44.5844, 22.5977,
19.5414

■ 58.4472, 41.0253,
52.8273

■ 63.8278, 49.3210,
62.2213

■ 70.2480, 59.4697,
72.6599

■ 77.7631, 71.5761,
84.1789

■ 86.4243, 85.7372,
96.8117

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



43.6580, 26.0365, 66.6054



47.9045, 26.0365, 30.5177



44.7453, 26.0365, 10.3051

Triad

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



47.9045, 26.0365, 30.5177



17.1809, 26.0365, 2.6587



16.1972, 26.0365, 99.7133

Complementary

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



47.9045, 26.0365, 30.5177



43.7166, 74.8784, 45.8744

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.



11.8222, 26.0365, 60.3379



47.9045, 26.0365, 30.5177



12.2793, 26.0365, 8.5494

Square

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



47.9045, 26.0365, 30.5177



25.4929, 26.0365, 1.6087



10.5959, 26.0365, 26.2862



24.0156, 26.0365, 119.5752

Rectangle

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



47.9045, 26.0365, 30.5177



39.2230, 26.0365, 4.5720



10.5959, 26.0365, 26.2862



14.3590, 26.0365, 87.4464

Sweetspot

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



47.9052, 26.0380, 30.5181



73.7283, 65.0510, 78.0718



33.4425, 17.1145, 96.1485



15.2246, 13.0305, 15.8486



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.



47.9052, 26.0380, 30.5181



45.1487, 23.0487, 21.8185



43.3875, 24.4891, 5.9321



18.3629, 18.1285, 20.5281



23.3702, 11.8374, 10.5998



2.3301, 1.1744, 1.3195

Inverse Universe

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



47.9052, 26.0380, 30.5181



45.1487, 23.0487, 21.8185



54.2728, 77.4060, 106.6880



18.3629, 18.1285, 20.5281



23.3702, 11.8374, 10.5998



2.3301, 1.1744, 1.3195

Previews

White Background



This preview shows how the XYZ color 47.9045, 26.0365, 30.5177 looks on a white background.

Color Contrast Check

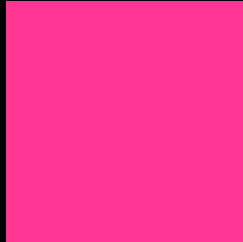
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.9045, 26.0365, 30.5177 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 47.9045, 26.0365, 30.5177

Background



This preview shows how black text looks on a background with the XYZ color 47.9045, 26.0365, 30.5177.



This preview shows how white text looks on a background with the XYZ color 47.9045, 26.0365,

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

47.9045, 26.0365, 30.5177

Protanopia

27.2595, 26.3402, 58.2910

Deuteranopia

26.5778, 26.0329, 27.6688



Tritanopia

43.6749, 26.0914, 9.9420

Trichromacy



Original Color

47.9045, 26.0365, 30.5177



Protanomaly

29.9604, 22.2866, 46.4387



Deuteranomaly

31.5224, 23.3374, 28.4343



Tritanomaly

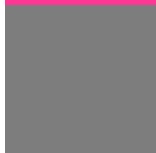
44.6002, 25.6890, 15.4397

Monochromacy



Original Color

47.9045, 26.0365, 30.5177



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

25.7087, 19.3878, 24.5775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9045, 26.0365, 30.5177 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(255, 54, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 148)  
}
```

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(255, 54, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 148) }
```

Border

The CSS property to change the border of an element to XYZ 47.9045, 26.0365, 30.5177 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(255, 54, 148) }
```


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

```
.border{ border-color:rgb(255, 54, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 54, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9045, 26.0365, 30.5177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 148) }
```

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

```
.background{ background-color: rgb(255, 54,  
148) }
```

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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