

Converting Colors

XYZ(47.4133, 25.0540, 30.3539)

Have a look what the booklet for
XYZ(47.4133, 25.0540, 30.3539)
contains.

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Color

**XYZ(47.4133, 25.0540,
30.3539)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2A94
RGB	255, 42, 148
RGB Percent	100%, 16%, 58%
CMY	0.0000, 0.8352, 0.4196
CMYK	0.00, 0.84, 0.42, 0.00
HSL	330°, 100%, 58%
HSV	330°, 84%, 100%
XYZ	47.4133, 25.0540, 30.3539
YIQ	117.7710, 92.9220, 78.1220

Conversions

Conversions Part 2

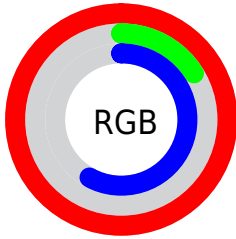
Format	Color
R_{YB}	255, 42, 148
Decimal	16722580
CIE _{Lab}	57.13, 81.34, -4.57
CIE _{LCh}	57, 81.465, 356.785
Yxy	25.0540, 0.4611, 0.2437
Android (android.graphics.Color)	4294912660 (0xFFFF2A94)
YUV	117.7710, 14.9029, 120.3498
Hunter-Lab	50.0540, 81.4885, -0.9171

Details

The XYZ color **47.4133, 25.0540, 30.3539** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **42.1419, 74.1832, 40.5393**, and the grayscale version is **17.0858, 17.9756, 19.5754**.

A 20% lighter version of the original color is **57.9180, 37.5589, 60.0741**, and **23.9428, 12.0883, 12.6266** is the 20% darker color. If you saturate the color by 10%, you get **45.8196, 23.4008, 25.0935**, and if you desaturate by 10%, it is **49.6945, 27.9029, 36.3976**.

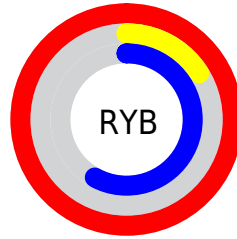
Distribution



Red (100%)

Green (16%)

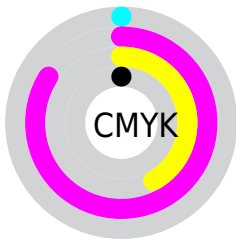
Blue (58%)



Red (100%)

Yellow (16%)

Blue (58%)

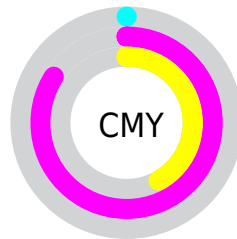


Cyan (0%)

Magenta (84%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (84%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4133, 25.0540, 30.3539 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 47.4133, 25.0540, 30.3539 by changing the saturation by 10% instead.

 47.4133, 25.0540,
30.3539

 47.4133, 25.0540,
30.3539


367.0833,
278.1068, 317.8091

 33.5718, 16.1173,
19.8530


 85.5452, 51.7448,
61.2890


 22.7262, 9.6072,
12.1052


 110.5664, 70.2677,
82.5603


 14.5110, 5.1393,
6.6920


 140.0448, 92.7548,
108.2589

 8.5610, 2.3292,
3.1947

 174.3458,
119.5904, 138.8032

 4.5108, 0.7891,
1.1949

 213.8348,
151.1591, 174.6119

 1.9950, 0.0000,
0.0000

258.8772,

 0.6311, 0.0000,

187.8451, 216.1034

0.0000

309.8382,
230.0328, 263.6963

■ 0.0000, 0.0000,
0.0000

■ 47.4133, 25.0540,
30.3539

■ 47.4133, 25.0540,
30.3539

■ 45.8196, 23.4008,
25.0935

■ 49.6945, 27.9029,
36.3976

■ 45.0636, 22.7894,
22.0649

■ 52.7592, 32.1333,
43.2732

■ 56.6888, 37.9031,
51.0244

■ 61.5533, 45.3472,
59.6903

■ 67.4154, 54.5857,
69.3068

74.3317, 65.7277,
79.9075

82.3549, 78.8734,
91.5240

91.5336, 94.1160,
104.1861

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.



42.8405, 25.0540, 67.7064



47.4133, 25.0540, 30.3539



44.3906, 25.0540, 9.7155

Triad

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



47.4133, 25.0540, 30.3539



16.4241, 25.0540, 2.0677



15.0635, 25.0540, 99.7403

Complementary

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



47.4133, 25.0540, 30.3539



42.1419, 74.1832, 40.5393

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.



10.8411, 25.0540, 58.7201



47.4133, 25.0540, 30.3539



11.4655, 25.0540, 7.3564

Square

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



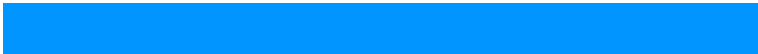
47.4133, 25.0540, 30.3539



24.8637, 25.0540, 1.2194



9.7265, 25.0540, 24.4201



22.7925, 25.0540, 121.4553

Rectangle

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



47.4133, 25.0540, 30.3539



38.8250, 25.0540, 4.0410



9.7265, 25.0540, 24.4201



13.2759, 25.0540, 86.8107

Sweetspot

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



47.4140, 25.0554, 30.3543



73.2410, 63.9570, 78.2774



31.1838, 15.2208, 95.9021



15.1422, 12.8257, 15.9441



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.



47.4140, 25.0554, 30.3543



45.0636, 22.7894, 22.0649



42.4869, 23.0846, 4.4087



18.3863, 18.1378, 20.6515



23.6220, 11.9381, 11.9258



2.3551, 1.1844, 1.4513

Inverse Universe

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



47.4140, 25.0554, 30.3543



45.0636, 22.7894, 22.0649



54.7656, 79.2326, 107.0147



18.3863, 18.1378, 20.6515



23.6220, 11.9381, 11.9258



2.3551, 1.1844, 1.4513

Previews

White Background



This preview shows how the XYZ color 47.4133, 25.0540, 30.3539 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 47.4133, 25.0540, 30.3539 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 47.4133, 25.0540, 30.3539

Background



This preview shows how black text looks on a background with the XYZ color 47.4133, 25.0540, 30.3539.



This preview shows how white text looks on a background with the XYZ color 47.4133, 25.0540,

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

47.4133, 25.0540, 30.3539

Protanopia

26.6228, 25.3131, 61.2404

Deuteranopia

25.5527, 25.0941, 27.5416



Tritanopia

42.9881, 25.0984, 8.5400

Trichromacy



Original Color

47.4133, 25.0540, 30.3539



Protanomaly

28.8225, 20.7674, 47.8368



Deuteranomaly

30.1787, 21.7587, 28.2004



Tritanomaly

43.9610, 24.7242, 14.2596

Monochromacy



Original Color

47.4133, 25.0540, 30.3539



Achromatopsia

17.2197, 18.1164, 19.7288



Achromatomaly

23.7671, 17.2221, 22.8404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4133, 25.0540, 30.3539 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, 42, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 42, 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, 42, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 42, 148) }
```

Border

The CSS property to change the border of an element to XYZ 47.4133, 25.0540, 30.3539 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, 42, 148) }
```


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

```
.border{ border-color:rgb(255, 42, 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, 42, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 42, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 42, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 42,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4133, 25.0540, 30.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 42, 148) }
```

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

```
.background{ background-color: rgb(255, 42,  
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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