

Converting Colors

XYZ(50.4940, 28.9360, 38.4081)

Have a look what the booklet for
XYZ(50.4940, 28.9360, 38.4081)
contains.

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Color

**XYZ(50.5476, 29.0088,
38.5324)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4BA5
RGB	255, 75, 165
RGB Percent	100%, 29%, 65%
CMY	0.0000, 0.7058, 0.3529
CMYK	0.00, 0.71, 0.35, 0.00
HSL	330°, 100%, 65%
HSV	330°, 71%, 100%
XYZ	50.5476, 29.0088, 38.5324
YIQ	139.0800, 78.3900, 66.1500

Conversions

Conversions Part 2

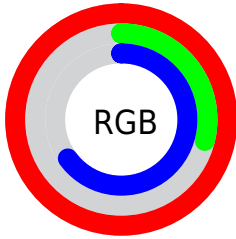
Format	Color
R_{YB}	255, 75, 165
Decimal	16731045
CIE _{Lab}	60.79, 74.11, -9.07
CIE _{LCh}	61, 74.660, 353.022
Yxy	29.0088, 0.4280, 0.2457
Android (android.graphics.Color)	4294921125 (0xFFFF4BA5)
YUV	139.0800, 12.7786, 101.6618
Hunter-Lab	53.8598, 73.2681, -4.7154

Details

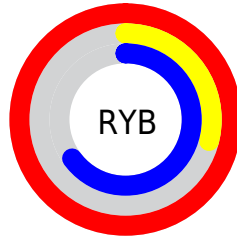
The XYZ color **50.5476, 29.0088, 38.5324** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **45.4551, 75.7333, 47.8249**, and the grayscale version is **24.5045, 25.7806, 28.0751**.

A 20% lighter version of the original color is **62.9624, 44.0356, 72.8914**, and **24.9730, 12.5297, 16.7250** is the 20% darker color. If you saturate the color by 10%, you get **48.0478, 25.7749, 32.2558**, and if you desaturate by 10%, it is **53.8573, 33.6772, 45.6504**.

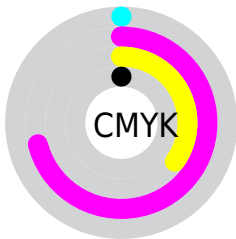
Distribution



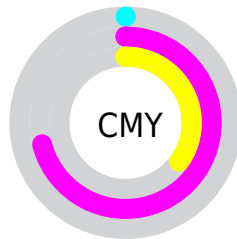
- Red (100%)
- Green (29%)
- Blue (65%)



- Red (100%)
- Yellow (29%)
- Blue (65%)



- Cyan (0%)
- Magenta (71%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5476, 29.0088, 38.5324 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 50.5476, 29.0088, 38.5324 by changing the saturation by 10% instead.

 50.5476, 29.0088,
38.5324


 50.5476, 29.0088,
38.5324

379.2202,
297.2565, 355.2648


 36.0683, 19.0875,
26.0911


 90.1727, 58.0911,
74.1359


 24.6573, 11.7335,
16.6654


 116.0491, 78.0208,
98.1352

 15.9493, 6.5625,
9.8368


 146.4554,
102.0555, 126.8242

 9.5789, 3.1900,
5.1867

 181.7567,
130.5794, 160.6216

 5.1808, 1.2317,
2.2966

222.3185,
163.9771, 199.9458

 2.3896, 0.0874,
0.7293

268.5061,

 0.8399, 0.0000,

202.6330, 245.2153

0.0000

320.6849,
246.9313, 296.8488

■ 0.0000, 0.0000,
0.0000

■ 50.5476, 29.0088,
38.5324

■ 50.5476, 29.0088,
38.5324

■ 48.0478, 25.7749,
32.2558

■ 53.8573, 33.6772,
45.6504

■ 46.2636, 23.7924,
26.7717


■ 58.0516, 39.9244,
53.6499

■ 45.1029, 22.8052,
22.2720

■ 63.1988, 47.8821,
62.5692

■ 69.3596, 57.6669,
72.4433

■ 76.5893, 69.3850,
83.3049

 84.9394, 83.1343,
95.1849

94.4574, 99.0062,
108.1125

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.



45.3243, 29.0088, 75.8624



50.5476, 29.0088, 38.5324



48.5555, 29.0088, 14.9581

Triad

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



50.5476, 29.0088, 38.5324



20.9000, 29.0088, 3.5150



17.8029, 29.0088, 96.3908

Complementary

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



50.5476, 29.0088, 38.5324



45.4551, 75.7333, 47.8249

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.



13.7183, 29.0088, 57.4305



50.5476, 29.0088, 38.5324



15.1914, 29.0088, 9.1138

Square

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



50.5476, 29.0088, 38.5324



29.9014, 29.0088, 2.6954



12.8893, 29.0088, 25.5284



25.3668, 29.0088, 119.8517

Rectangle

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



50.5476, 29.0088, 38.5324



43.5858, 29.0088, 7.3562



12.8893, 29.0088, 25.5284



16.0572, 29.0088, 83.8688

Sweetspot

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



50.5484, 29.0104, 38.5329



76.2663, 68.8573, 82.8326



36.0851, 20.2537, 96.6152



15.8761, 14.0081, 17.0686



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.



50.5484, 29.0104, 38.5329



47.1777, 24.7569, 29.7391



45.0273, 26.8019, 9.4588



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0344



2.3571, 1.1852, 1.4620

Inverse Universe

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



50.5484, 29.0104, 38.5329



47.1777, 24.7569, 29.7391



56.7126, 80.2363, 107.1058



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0344



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 50.5476, 29.0088, 38.5324 looks on a white background.

Color Contrast Check

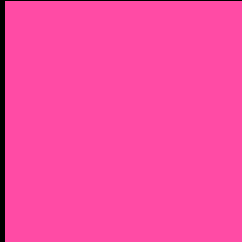
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5476, 29.0088, 38.5324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

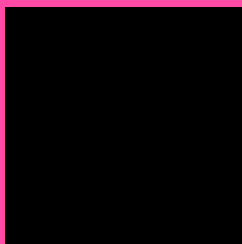
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 50.5476, 29.0088, 38.5324

Background



This preview shows how black text looks on a background with the XYZ color 50.5476, 29.0088, 38.5324.



This preview shows how white text looks on a background with the XYZ color 50.5476, 29.0088,

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

50.5476, 29.0088, 38.5324

Protanopia

30.4665, 29.3642, 66.3495

Deuteranopia

29.7278, 29.2133, 35.5244



Tritanopia

45.4561, 28.8601, 14.7300

Trichromacy



Original Color

50.5476, 29.0088, 38.5324



Protanomaly

33.5801, 26.1437, 54.9061



Deuteranomaly

34.7288, 26.7975, 36.1429



Tritanomaly

46.9855, 28.7562, 21.4864

Monochromacy



Original Color

50.5476, 29.0088, 38.5324



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

30.6467, 24.4527, 31.1215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5476, 29.0088, 38.5324 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, 75, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 165)  
}
```

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, 75, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 165) }
```

Border

The CSS property to change the border of an element to XYZ 50.5476, 29.0088, 38.5324 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, 75, 165) }
```


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

```
.border{ border-color:rgb(255, 75, 165) }
```

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

Here you see how a box with a 4 pixel rgb(255, 75, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5476, 29.0088, 38.5324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 165) }
```

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

```
.background{ background-color: rgb(255, 75,  
165) }
```

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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