

Converting Colors

XYZ(48.8004, 26.7092, 34.2665)

Have a look what the booklet for
XYZ(48.8004, 26.7092, 34.2665)
contains.

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Color

**XYZ(48.8389, 26.7204,
34.4818)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3A9D
RGB	255, 58, 157
RGB Percent	100%, 23%, 62%
CMY	0.0000, 0.7725, 0.3843
CMYK	0.00, 0.77, 0.38, 0.00
HSL	330°, 100%, 61%
HSV	330°, 77%, 100%
XYZ	48.8389, 26.7204, 34.4818
YIQ	128.1890, 85.6330, 72.5530

Conversions

Conversions Part 2

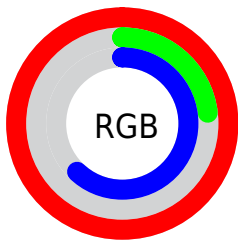
Format	Color
R _Y B	255, 58, 157
Decimal	16726685
CIE Lab	58.71, 78.43, -7.51
CIE LCh	59, 78.791, 354.533
Yxy	26.7204, 0.4438, 0.2428
Android (android.graphics.Color)	4294916765 (0xFFFF3A9D)
YUV	128.1890, 14.2038, 111.2132
Hunter-Lab	51.6918, 78.1879, -3.3661

Details

The XYZ color **48.8389, 26.7204, 34.4818** 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 **43.5076, 74.8207, 43.6072**, and the grayscale version is **20.5170, 21.5854, 23.5065**.

A 20% lighter version of the original color is **60.2055, 40.3785, 66.2487**, and **24.5938, 12.3781, 14.7286** is the 20% darker color. If you saturate the color by 10%, you get **46.8286, 24.3442, 28.7425**, and if you desaturate by 10%, it is **51.5988, 30.4159, 41.0263**.

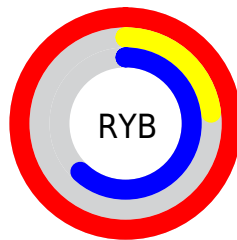
Distribution



Red (100%)

Green (23%)

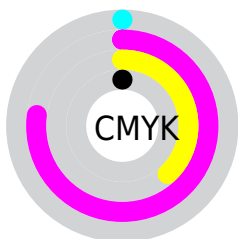
Blue (62%)



Red (100%)

Yellow (23%)

Blue (62%)

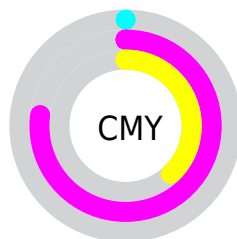


Cyan (0%)

Magenta (77%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8389, 26.7204, 34.4818 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 48.8389, 26.7204, 34.4818 by changing the saturation by 10% instead.


 48.8389, 26.7204,
34.4818


 48.8389, 26.7204,
34.4818


372.6352,
286.3008, 337.1096

 34.7057, 17.3633,
22.9836


 87.6543, 54.4349,
67.8246


 23.6017, 10.4939,
14.3762


 113.0672, 73.5611,
90.5064


 15.1616, 5.7276,
8.2411


 142.9708, 96.7125,
117.7531

 9.0199, 2.6802,
4.1596

 177.7303,
124.2734, 149.9833

 4.8114, 0.9671,
1.7133

 217.7111,
156.6283, 187.6155

 2.1706, 0.0000,
0.3698

263.2787,

 0.7272, 0.0000,

194.1616, 231.0682

0.0000

314.7983,
237.2576, 280.7601

■ 0.0000, 0.0000,
0.0000

■ 48.8389, 26.7204,
34.4818

■ 48.8389, 26.7204,
34.4818

■ 46.8286, 24.3442,
28.7425

■ 51.5988, 30.4159,
41.0263

■ 45.4556, 23.0680,
23.7535

■ 55.1922, 35.5931,
48.4194

■ 45.1454, 22.8222,
22.4957

■ 59.6933, 42.3954,
56.7016

■ 65.1670, 50.9480,
65.9094

■ 71.6721, 61.3635,
76.0767

79.2625, 73.7454,
87.2353

87.9880, 88.1891,
99.4153

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.



43.8051, 26.7204, 72.3632



48.8389, 26.7204, 34.4818



46.4090, 26.7204, 12.0802

Triad

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



48.8389, 26.7204, 34.4818



18.4165, 26.7204, 2.5393



16.0438, 26.7204, 97.8306

Complementary

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



48.8389, 26.7204, 34.4818



43.5076, 74.8207, 43.6072

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.



11.9334, 26.7204, 57.3673



48.8389, 26.7204, 34.4818



13.0392, 26.7204, 7.8109

Square

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



48.8389, 26.7204, 34.4818



27.2144, 26.7204, 1.7410



10.9934, 26.7204, 24.2988



23.6622, 26.7204, 121.1601

Rectangle

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



48.8389, 26.7204, 34.4818



41.1369, 26.7204, 5.4175



10.9934, 26.7204, 24.2988



14.2918, 26.7204, 84.8916

Sweetspot

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



48.8396, 26.7219, 34.4822



74.7620, 66.3792, 80.6956



32.7429, 17.0416, 96.1714



15.4372, 13.2903, 16.4292



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.



48.8396, 26.7219, 34.4822



45.9706, 23.4945, 25.7861



43.6041, 24.6277, 6.9124



18.3901, 18.1394, 20.6716



23.6649, 11.9553, 12.1518



2.3593, 1.1861, 1.4736

Inverse Universe

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



48.8396, 26.7219, 34.4822



45.9706, 23.4945, 25.7861



55.0316, 79.4303, 104.2915



18.3901, 18.1394, 20.6716



23.6649, 11.9553, 12.1518



2.3593, 1.1861, 1.4736

Previews

White Background



This preview shows how the XYZ color 48.8389, 26.7204, 34.4818 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 48.8389, 26.7204, 34.4818 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 48.8389, 26.7204, 34.4818

Background



This preview shows how black text looks on a background with the XYZ color 48.8389, 26.7204, 34.4818.



This preview shows how white text looks on a background with the XYZ color 48.8389, 26.7204,

34.4818.

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

48.8389, 26.7204, 34.4818

Protanopia

28.3367, 26.9699, 64.6850

Deuteranopia

27.3490, 26.7702, 31.3295



Tritanopia

43.8932, 26.7014, 11.2280

Trichromacy



Original Color

48.8389, 26.7204, 34.4818



Protanomaly

31.1283, 23.2383, 52.1350



Deuteranomaly

32.1837, 23.9066, 32.1963



Tritanomaly

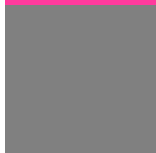
45.3315, 26.4779, 17.7604

Monochromacy



Original Color

48.8389, 26.7204, 34.4818



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

26.9660, 20.5632, 26.9739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8389, 26.7204, 34.4818 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, 58, 157)` looks like.

```
.text, #text, p{  
  color:rgb(255, 58, 157)  
}
```

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, 58, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 58, 157) }
```

Border

The CSS property to change the border of an element to XYZ 48.8389, 26.7204, 34.4818 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, 58, 157) }
```


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

```
.border{ border-color:rgb(255, 58, 157) }
```

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

Here you see how a box with a 4 pixel rgb(255, 58, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 58, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 58, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 58,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8389, 26.7204, 34.4818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 58, 157) }
```

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

```
.background{ background-color: rgb(255, 58,  
157) }
```

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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