

Converting Colors

XYZ(73.8447, 39.4663, 34.7716)

Have a look what the booklet for
XYZ(73.8447, 39.4663, 34.7716)
contains.

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Color

**XYZ(48.5706, 26.4549,
33.5567)**

Conversions

Conversions Part 1

Format	Color
Hex	FF389B
RGB	255, 56, 155
RGB Percent	100%, 22%, 61%
CMY	0.0000, 0.7803, 0.3922
CMYK	0.00, 0.78, 0.39, 0.00
HSL	330°, 100%, 61%
HSV	330°, 78%, 100%
XYZ	48.5706, 26.4549, 33.5567
YIQ	126.7870, 86.8250, 72.9770

Conversions

Conversions Part 2

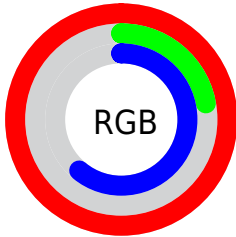
Format	Color
R _Y B	255, 56, 155
Decimal	16726171
CIE Lab	58.47, 78.77, -6.70
CIE LCh	58, 79.053, 355.135
Yxy	26.4549, 0.4473, 0.2436
Android (android.graphics.Color)	4294916251 (0xFFFF389B)
YUV	126.7870, 13.9090, 112.4428
Hunter-Lab	51.4343, 78.5515, -2.6779

Details

The XYZ color **48.5706, 26.4549, 33.5567** 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 **43.3937, 74.7620, 43.6024**, and the grayscale version is **20.0351, 21.0785, 22.9545**.

A 20% lighter version of the original color is **59.7082, 39.7825, 64.8534**, and **24.4910, 12.3369, 14.1871** is the 20% darker color. If you saturate the color by 10%, you get **46.6138, 24.1734, 27.8734**, and if you desaturate by 10%, it is **51.2715, 30.0420, 40.0521**.

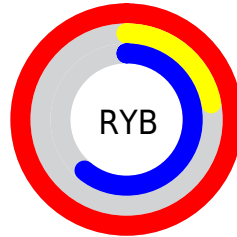
Distribution



Red (100%)

Green (22%)

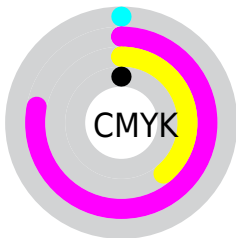
Blue (61%)



Red (100%)

Yellow (22%)

Blue (61%)

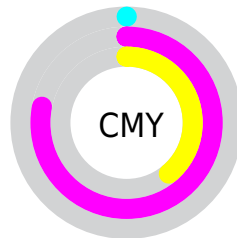


Cyan (0%)

Magenta (78%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5706, 26.4549, 33.5567 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 48.5706, 26.4549, 33.5567 by changing the saturation by 10% instead.


 48.5706, 26.4549,
33.5567


 48.5706, 26.4549,
33.5567

371.5945,
285.0081, 332.8595


 34.4921, 17.1643,
22.2787


 87.2579, 54.0079,
66.3697


 23.4366, 10.3517,
13.8615


 112.5975, 73.0391,
88.7417


 15.0387, 5.6327,
7.8868


 142.4214, 96.0859,
115.6488

 8.9330, 2.6231,
3.9358

 177.0951,
123.5327, 147.5096

 4.7543, 0.9383,
1.5902

 216.9839,
155.7639, 184.7425

 2.1371, 0.0000,
0.2838

262.4532,

 0.7093, 0.0000,

193.1639, 227.7660

0.0000

313.8682,
236.1172, 276.9989

■ 0.0000, 0.0000,
0.0000

■ 48.5706, 26.4549,
33.5567

■ 48.5706, 26.4549,
33.5567

■ 46.6138, 24.1734,
27.8734

■ 51.2715, 30.0420,
40.0521

■ 45.2816, 22.9637,
22.9441

■ 54.8019, 35.0995,
47.4040

■ 45.0610, 22.7884,
22.0512

■ 59.2367, 41.7727,
55.6538

■ 64.6417, 50.1877,
64.8387

■ 71.0760, 60.4582,
74.9933

■ 78.5940, 72.6882,
86.1501

■ 87.2461, 86.9739,
98.3398

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.



43.6764, 26.4549, 71.1819



48.5706, 26.4549, 33.5567



45.9927, 26.4549, 11.6000

Triad

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



48.5706, 26.4549, 33.5567



18.0500, 26.4549, 2.4972



15.9494, 26.4549, 98.2319

Complementary

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



48.5706, 26.4549, 33.5567



43.3937, 74.7620, 43.6024

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.



11.7967, 26.4549, 57.8313



48.5706, 26.4549, 33.5567



12.7738, 26.4549, 7.8388

Square

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



48.5706, 26.4549, 33.5567



26.7532, 26.4549, 1.6630



10.8042, 26.4549, 24.5243



23.6018, 26.4549, 120.9978

Rectangle

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



48.5706, 26.4549, 33.5567



40.6594, 26.4549, 5.1565



10.8042, 26.4549, 24.5243



14.1838, 26.4549, 85.3692

Sweetspot

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



48.5713, 26.4564, 33.5571



74.7214, 66.3629, 80.4817



33.0801, 17.0687, 96.1588



15.4274, 13.2864, 16.3777



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.



48.5713, 26.4564, 33.5571



45.7559, 23.3465, 24.8467



43.3691, 24.3755, 6.1624



18.3862, 18.1378, 20.6508



23.6206, 11.9375, 11.9185



2.3550, 1.1844, 1.4506

Inverse Universe

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



48.5713, 26.4564, 33.5571



45.7559, 23.3465, 24.8467



55.4417, 79.5812, 107.0464



18.3862, 18.1378, 20.6508



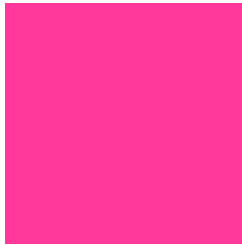
23.6206, 11.9375, 11.9185



2.3550, 1.1844, 1.4506

Previews

White Background



This preview shows how the XYZ color 48.5706, 26.4549, 33.5567 looks on a white background.

Color Contrast Check

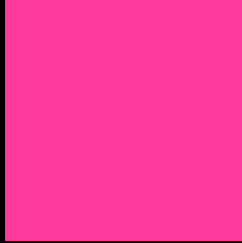
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5706, 26.4549, 33.5567 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 48.5706, 26.4549, 33.5567

Background



This preview shows how black text looks on a background with the XYZ color 48.5706, 26.4549, 33.5567.



This preview shows how white text looks on a background with the XYZ color 48.5706, 26.4549,

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

48.5706, 26.4549, 33.5567

Protanopia

28.0890, 26.8709, 63.3807

Deuteranopia

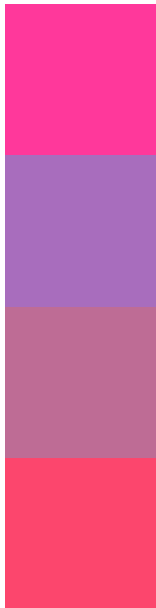
27.1934, 26.7080, 30.5100



Tritanopia

43.6717, 26.3820, 10.7731

Trichromacy



Original Color

48.5706, 26.4549, 33.5567

Protanomaly

30.8024, 22.9362, 50.9478

Deuteranomaly

32.0226, 23.8422, 31.3480

Tritanomaly

45.0954, 26.1799, 17.1444

Monochromacy



Original Color

48.5706, 26.4549, 33.5567

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

26.6246, 20.1122, 26.1457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5706, 26.4549, 33.5567 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, 56, 155)` looks like.

```
.text, #text, p{  
  color:rgb(255, 56, 155)  
}
```

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, 56, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 155) }
```

Border

The CSS property to change the border of an element to XYZ 48.5706, 26.4549, 33.5567 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, 56, 155) }
```


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

```
.border{ border-color:rgb(255, 56, 155) }
```

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

Here you see how a box with a 4 pixel rgb(255, 56, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 56, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 56, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 56,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5706, 26.4549, 33.5567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 56, 155) }
```

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

```
.background{ background-color: rgb(255, 56,  
155) }
```

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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