

Converting Colors

XYZ(48.5889, 26.2019, 34.4557)

Have a look what the booklet for
XYZ(48.5889, 26.2019, 34.4557)
contains.

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Color

**XYZ(48.5989, 26.2405,
34.4018)**

Conversions

Conversions Part 1

Format	Color
Hex	FF359D
RGB	255, 53, 157
RGB Percent	100%, 21%, 62%
CMY	0.0000, 0.7921, 0.3843
CMYK	0.00, 0.79, 0.38, 0.00
HSL	329°, 100%, 60%
HSV	329°, 79%, 100%
XYZ	48.5989, 26.2405, 34.4018
YIQ	125.2540, 87.0080, 75.1680

Conversions

Conversions Part 2

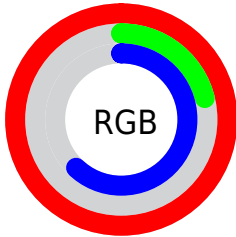
Format	Color
R_{YB}	255, 53, 157
Decimal	16725405
CIE Lab	58.26, 79.72, -8.18
CIE LCh	58, 80.133, 354.144
Yxy	26.2405, 0.4449, 0.2402
Android (android.graphics.Color)	4294915485 (0xFFFF359D)
YUV	125.2540, 15.6508, 113.7872
Hunter-Lab	51.2255, 79.7028, -3.9599

Details

The XYZ color **48.5989, 26.2405, 34.4018** 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 **42.8162, 74.5121, 41.4102**, and the grayscale version is **19.5093, 20.5253, 22.3521**.

A 20% lighter version of the original color is **59.7143, 39.3961, 66.0849**, and **24.5938, 12.3781, 14.7286** is the 20% darker color. If you saturate the color by 10%, you get **46.7261, 24.1006, 28.8272**, and if you desaturate by 10%, it is **51.1976, 29.6609, 40.7465**.

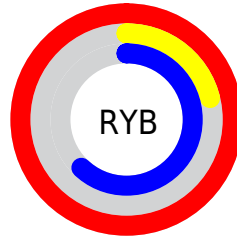
Distribution



Red (100%)

Green (21%)

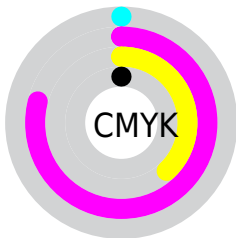
Blue (62%)



Red (100%)

Yellow (21%)

Blue (62%)

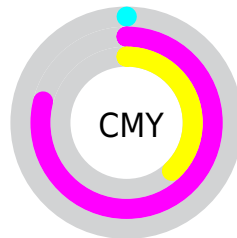


Cyan (0%)

Magenta (79%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5989, 26.2405, 34.4018 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 48.5989, 26.2405, 34.4018 by changing the saturation by 10% instead.


 48.5989, 26.2405,
34.4018


 48.5989, 26.2405,
34.4018


371.7043,
283.9607, 336.7436

 34.5146, 17.0036,
22.9226


 87.2998, 53.6627,
67.6990


 23.4540, 10.2371,
14.3316


 112.6470, 72.6168,
90.3541


 15.0516, 5.5564,
8.2103


 142.4794, 95.5788,
117.5716

 8.9422, 2.5773,
4.1401

 177.1621,
122.9330, 149.7700

 4.7603, 0.9153,
1.7025

 217.0607,
155.0640, 187.3679

 2.1406, 0.0000,
0.3625

262.5403,

 0.7112, 0.0000,

192.3560, 230.7838

0.0000

313.9664,
235.1934, 280.4362

■ 0.0000, 0.0000,
0.0000

■ 48.5989, 26.2405,
34.4018

■ 48.5989, 26.2405,
34.4018

■ 46.7261, 24.1006,
28.8272

■ 51.1976, 29.6609,
40.7465

■ 45.4443, 22.9767,
23.9616

■ 54.6090, 34.5306,
47.9047

■ 45.3556, 22.9062,
23.6025

■ 58.9091, 40.9970,
55.9162

■ 64.1641, 49.1879,
64.8170

■ 70.4335, 59.2183,
74.6402

■ 77.7719, 71.1929,
85.4170

■ 86.2298, 85.2086,
97.1765

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.



43.4102, 26.2405, 72.9193



48.5989, 26.2405, 34.4018



46.2346, 26.2405, 11.7674

Triad

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



48.5989, 26.2405, 34.4018



18.0372, 26.2405, 2.2544



15.4994, 26.2405, 97.8301

Complementary

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



48.5989, 26.2405, 34.4018



42.8162, 74.5121, 41.4102

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.



11.4559, 26.2405, 56.6087



48.5989, 26.2405, 34.4018



12.6317, 26.2405, 7.2610

Square

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



48.5989, 26.2405, 34.4018



26.9012, 26.2405, 1.5362



10.5629, 26.2405, 23.4401



23.0781, 26.2405, 122.0510

Rectangle

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



48.5989, 26.2405, 34.4018



40.9409, 26.2405, 5.1295



10.5629, 26.2405, 23.4401



13.7698, 26.2405, 84.5818

Sweetspot

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



48.5996, 26.2420, 34.4022



74.1198, 65.2076, 80.1336



32.0199, 16.3127, 96.0687



15.3182, 13.0680, 16.3417



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.



48.5996, 26.2420, 34.4022



45.9295, 23.3610, 25.9303



43.2370, 24.0969, 6.1629



18.3998, 18.1432, 20.7225



23.7751, 11.9993, 12.7322



2.3701, 1.1904, 1.5305

Inverse Universe

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



48.5996, 26.2420, 34.4022



45.9295, 23.3610, 25.9303



54.7417, 79.2823, 104.2091



18.3998, 18.1432, 20.7225



23.7751, 11.9993, 12.7322



2.3701, 1.1904, 1.5305

Previews

White Background



This preview shows how the XYZ color 48.5989, 26.2405, 34.4018 looks on a white background.

Color Contrast Check

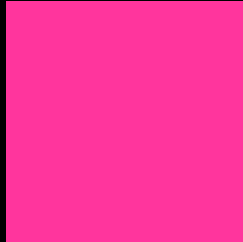
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5989, 26.2405, 34.4018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

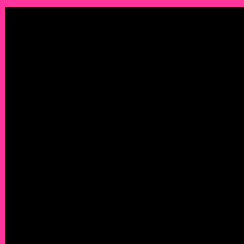
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 48.5989, 26.2405, 34.4018

Background



This preview shows how black text looks on a background with the XYZ color 48.5989, 26.2405, 34.4018.



This preview shows how white text looks on a background with the XYZ color 48.5989, 26.2405,

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

48.5989, 26.2405, 34.4018

Protanopia

28.0424, 26.5753, 65.9389

Deuteranopia

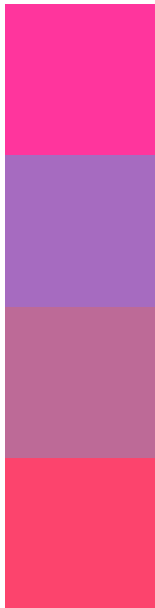
26.8331, 26.2942, 31.2648



Tritanopia

43.5634, 26.2258, 10.5506

Trichromacy



Original Color

48.5989, 26.2405, 34.4018

Protanomaly

30.4980, 22.4282, 52.5908

Deuteranomaly

31.7262, 23.3613, 32.1152

Tritanomaly

44.9723, 25.9338, 17.1034

Monochromacy



Original Color

48.5989, 26.2405, 34.4018

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

25.9905, 19.5005, 26.0610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5989, 26.2405, 34.4018 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, 53, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 53, 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, 53, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 53, 157) }
```

Border

The CSS property to change the border of an element to XYZ 48.5989, 26.2405, 34.4018 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, 53, 157) }
```


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

```
.border{ border-color:rgb(255, 53, 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, 53, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 53, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 53, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 53,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5989, 26.2405, 34.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 53, 157) }
```

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

```
.background{ background-color: rgb(255, 53,  
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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