

Converting Colors

XYZ(48.4952, 26.0589, 34.2879)

Have a look what the booklet for
XYZ(48.4952, 26.0589, 34.2879)
contains.

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Color

**XYZ(48.5096, 26.0620,
34.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	FF339D
RGB	255, 51, 157
RGB Percent	100%, 20%, 62%
CMY	0.0000, 0.7999, 0.3843
CMYK	0.00, 0.80, 0.38, 0.00
HSL	329°, 100%, 60%
HSV	329°, 80%, 100%
XYZ	48.5096, 26.0620, 34.3720
YIQ	124.0800, 87.5580, 76.2140

Conversions

Conversions Part 2

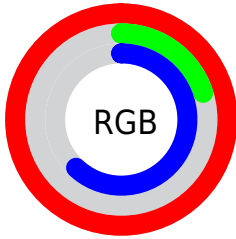
Format	Color
R _Y B	255, 51, 157
Decimal	16724893
CIE Lab	58.10, 80.20, -8.43
CIE LCh	58, 80.639, 354.001
Yxy	26.0620, 0.4453, 0.2392
Android (android.graphics.Color)	4294914973 (0xFFFF339D)
YUV	124.0800, 16.2296, 114.8168
Hunter-Lab	51.0510, 80.2750, -4.1836

Details

The XYZ color **48.5096, 26.0620, 34.3720** 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 **42.5522, 74.3946, 40.5576**, and the grayscale version is **19.1147, 20.1102, 21.9000**.

A 20% lighter version of the original color is **59.5947, 39.1568, 66.0450**, and **24.5938, 12.3781, 14.7286** is the 20% darker color. If you saturate the color by 10%, you get **46.6902, 24.0142, 28.8612**, and if you desaturate by 10%, it is **51.0452, 29.3744, 40.6394**.

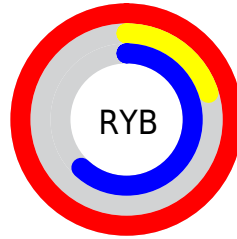
Distribution



Red (100%)

Green (20%)

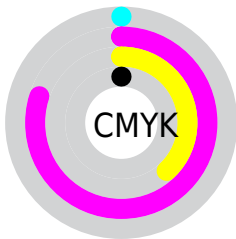
Blue (62%)



Red (100%)

Yellow (20%)

Blue (62%)

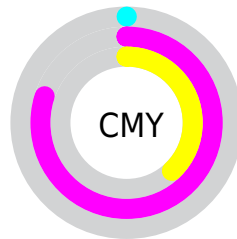


Cyan (0%)

Magenta (80%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (80%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5096, 26.0620, 34.3720 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 48.5096, 26.0620, 34.3720 by changing the saturation by 10% instead.


 48.5096, 26.0620,
34.3720


 48.5096, 26.0620,
34.3720


371.3576,
283.0863, 336.6073

 34.4436, 16.8700,
22.8999


 87.1678, 53.3750,
67.6522


 23.3991, 10.1419,
14.3150

 112.4906, 72.2647,
90.2974


 15.0108, 5.4931,
8.1988


 142.2964, 95.1559,
117.5040

 8.9133, 2.5394,
4.1328

 176.9506,
122.4328, 149.6906

 4.7413, 0.8963,
1.6985

 216.8184,
154.4799, 187.2756

 2.1295, 0.0000,
0.3597

262.2653,

 0.7052, 0.0000,

191.6816, 230.6777

0.0000

313.6566,
234.4223, 280.3154

■ 0.0000, 0.0000,
0.0000

■ 48.5096, 26.0620,
34.3720

■ 48.5096, 26.0620,
34.3720

■ 46.6902, 24.0142,
28.8612

■ 51.0452, 29.3744,
40.6394

■ 45.4392, 22.9400,
24.0420

■ 54.3851, 34.1229,
47.7068

■ 45.4384, 22.9394,
24.0389

■ 58.6062, 40.4566,
55.6138

■ 63.7751, 48.5045,
64.3962

■ 69.9517, 58.3823,
74.0870

■ 77.1910, 70.1955,
84.7168

■ 85.5435, 84.0416,
96.3149

95.0499, 100.0000,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.2630, 26.0620, 73.1298



48.5096, 26.0620, 34.3720



46.1698, 26.0620, 11.6513

Triad

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



48.5096, 26.0620, 34.3720



17.8962, 26.0620, 2.1532



15.2983, 26.0620, 97.8316

Complementary

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



48.5096, 26.0620, 34.3720



42.5522, 74.3946, 40.5576

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.



11.2799, 26.0620, 56.3265



48.5096, 26.0620, 34.3720



12.4809, 26.0620, 7.0614

Square

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



48.5096, 26.0620, 34.3720



26.7844, 26.0620, 1.4636



10.4042, 26.0620, 23.1232



22.8614, 26.0620, 122.3887

Rectangle

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



48.5096, 26.0620, 34.3720



40.8679, 26.0620, 5.0239



10.4042, 26.0620, 23.1232



13.5771, 26.0620, 84.4670

Sweetspot

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



48.5103, 26.0635, 34.3724



74.1596, 65.2235, 80.3431



31.1258, 15.7193, 96.0012



15.3278, 13.0718, 16.3919



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.



48.5103, 26.0635, 34.3724



45.8941, 23.2988, 25.8923



43.1836, 23.9327, 6.3220



18.4035, 18.1447, 20.7421



23.8185, 12.0167, 12.9608



2.3744, 1.1921, 1.5528

Inverse Universe

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



48.5103, 26.0635, 34.3724



45.8941, 23.2988, 25.8923



54.1004, 79.0139, 101.3698



18.4035, 18.1447, 20.7421



23.8185, 12.0167, 12.9608



2.3744, 1.1921, 1.5528

Previews

White Background



This preview shows how the XYZ color 48.5096, 26.0620, 34.3720 looks on a white background.

Color Contrast Check

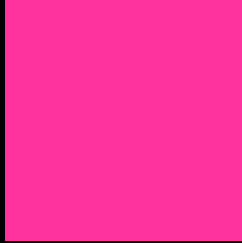
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5096, 26.0620, 34.3720 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 48.5096, 26.0620, 34.3720

Background



This preview shows how black text looks on a background with the XYZ color 48.5096, 26.0620, 34.3720.



This preview shows how white text looks on a background with the XYZ color 48.5096, 26.0620,

34.3720.

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

48.5096, 26.0620, 34.3720

Protanopia

27.9088, 26.4918, 66.5933

Deuteranopia

26.6483, 26.1989, 31.2561



Tritanopia

43.4201, 26.0574, 10.1382

Trichromacy



Original Color

48.5096, 26.0620, 34.3720



Protanomaly

30.2967, 22.1577, 53.1321



Deuteranomaly

31.3765, 23.0289, 32.0695



Tritanomaly

44.8059, 25.7713, 16.5227

Monochromacy



Original Color

48.5096, 26.0620, 34.3720



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

25.7319, 19.0976, 25.6225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5096, 26.0620, 34.3720 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, 51, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 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, 51, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 157) }
```

Border

The CSS property to change the border of an element to XYZ 48.5096, 26.0620, 34.3720 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, 51, 157) }
```


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

```
.border{ border-color:rgb(255, 51, 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, 51, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5096, 26.0620, 34.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 157) }
```

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

```
.background{ background-color: rgb(255, 51,  
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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