

Converting Colors

XYZ(48.5933, 26.0954, 34.8125)

Have a look what the booklet for
XYZ(48.5933, 26.0954, 34.8125)
contains.

XYZ(48.5954, 26.0963, 34.8236)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.5954, 26.0963,
34.8236)**

Conversions

Conversions Part 1

Format	Color
Hex	FF339E
RGB	255, 51, 158
RGB Percent	100%, 20%, 62%
CMY	0.0000, 0.7999, 0.3804
CMYK	0.00, 0.80, 0.38, 0.00
HSL	329°, 100%, 60%
HSV	329°, 80%, 100%
XYZ	48.5954, 26.0963, 34.8236
YIQ	124.1940, 87.2370, 76.5250

Conversions

Conversions Part 2

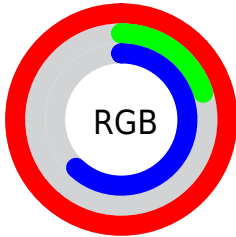
Format	Color
R _Y B	255, 51, 158
Decimal	16724894
CIE Lab	58.13, 80.29, -8.97
CIE LCh	58, 80.792, 353.629
Yxy	26.0963, 0.4437, 0.2383
Android (android.graphics.Color)	4294914974 (0xFFFF339E)
YUV	124.1940, 16.6664, 114.7169
Hunter-Lab	51.0845, 80.4045, -4.6580

Details

The XYZ color **48.5954, 26.0963, 34.8236** 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 **42.4727, 74.3629, 40.1387**, and the grayscale version is **19.1513, 20.1486, 21.9418**.

A 20% lighter version of the original color is **59.8471, 39.2577, 67.3740**, and **24.6462, 12.3990, 15.0042** is the 20% darker color. If you saturate the color by 10%, you get **46.7773, 24.0490, 29.3195**, and if you desaturate by 10%, it is **51.1279, 29.4075, 41.0744**.

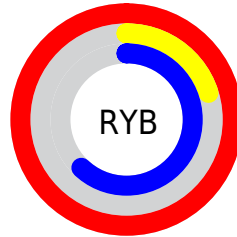
Distribution



Red (100%)

Green (20%)

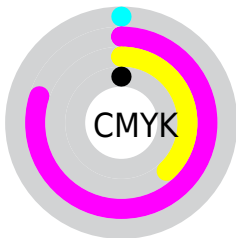
Blue (62%)



Red (100%)

Yellow (20%)

Blue (62%)

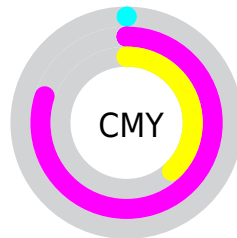


Cyan (0%)

Magenta (80%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5954, 26.0963, 34.8236 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 48.5954, 26.0963, 34.8236 by changing the saturation by 10% instead.


 48.5954, 26.0963,
34.8236


 48.5954, 26.0963,
34.8236


371.6907,
283.2545, 338.6696


 34.5118, 16.8957,
23.2446


 87.2946, 53.4303,
68.3609


 23.4518, 10.1602,
14.5672


 112.6409, 72.3324,
91.1562


 15.0500, 5.5053,
8.3730


 142.4722, 95.2372,
118.5273

 8.9410, 2.5467,
4.2433

 177.1539,
122.5290, 150.8929

 4.7595, 0.8999,
1.7598

 217.0512,
154.5923, 188.6713

 2.1402, 0.0000,
0.4012

262.5295,

 0.7109, 0.0000,

191.8113, 232.2812

0.0000

313.9543,
234.5706, 282.1411

■ 0.0000, 0.0000,
0.0000

■ 48.5954, 26.0963,
34.8236

■ 48.5954, 26.0963,
34.8236

■ 46.7773, 24.0490,
29.3195

■ 51.1279, 29.4075,
41.0744

■ 45.5257, 22.9746,
24.4975

■ 54.4626, 34.1539,
48.1147

■ 45.5250, 22.9740,
24.4945

■ 58.6764, 40.4847,
55.9837

■ 63.8359, 48.5288,
64.7167

■ 70.0010, 58.4019,
74.3461

■ 77.2262, 70.2095,
84.9023

■ 85.5624, 84.0490,
96.4141

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.



43.2474, 26.0963, 73.8454



48.5954, 26.0963, 34.8236



46.3433, 26.0963, 11.8267

Triad

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



48.5954, 26.0963, 34.8236



18.0009, 26.0963, 2.1181



15.2354, 26.0963, 97.6336

Complementary

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



48.5954, 26.0963, 34.8236



42.4727, 74.3629, 40.1387

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.



11.2508, 26.0963, 55.9463



48.5954, 26.0963, 34.8236



12.5290, 26.0963, 6.9415

Square

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



48.5954, 26.0963, 34.8236



26.9509, 26.0963, 1.4600



10.4100, 26.0963, 22.8443



22.7738, 26.0963, 122.6563

Rectangle

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



48.5954, 26.0963, 34.8236



41.0675, 26.0963, 5.0933



10.4100, 26.0963, 22.8443



13.5253, 26.0963, 84.1687

Sweetspot

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



48.5961, 26.0978, 34.8240



74.2007, 65.2400, 80.5597



31.1258, 15.7193, 96.0013



15.3376, 13.0757, 16.4438



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.



48.5961, 26.0978, 34.8240



45.9811, 23.3336, 26.3500



43.1836, 23.9327, 6.3220



18.4074, 18.1463, 20.7624



23.8639, 12.0348, 13.1994



2.3788, 1.1939, 1.5761

Inverse Universe

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



48.5961, 26.0978, 34.8240



45.9811, 23.3336, 26.3500



54.1005, 79.0140, 101.3700



18.4074, 18.1463, 20.7624



23.8639, 12.0348, 13.1994



2.3788, 1.1939, 1.5761

Previews

White Background



This preview shows how the XYZ color 48.5954, 26.0963, 34.8236 looks on a white background.

Color Contrast Check

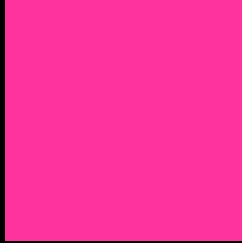
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5954, 26.0963, 34.8236 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 48.5954, 26.0963, 34.8236

Background



This preview shows how black text looks on a background with the XYZ color 48.5954, 26.0963, 34.8236.



This preview shows how white text looks on a background with the XYZ color 48.5954, 26.0963,

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

48.5954, 26.0963, 34.8236

Protanopia

28.0361, 26.5427, 67.2639

Deuteranopia

26.7271, 26.2305, 31.6713



Tritanopia

43.4568, 26.0721, 10.3314

Trichromacy



Original Color

48.5954, 26.0963, 34.8236



Protanomaly

30.4087, 22.2024, 53.7217



Deuteranomaly

31.4581, 23.0615, 32.4991



Tritanomaly

44.8588, 25.7925, 16.8015

Monochromacy



Original Color

48.5954, 26.0963, 34.8236



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 48.5954, 26.0963, 34.8236 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 158) }
```

Border

The CSS property to change the border of an element to XYZ 48.5954, 26.0963, 34.8236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

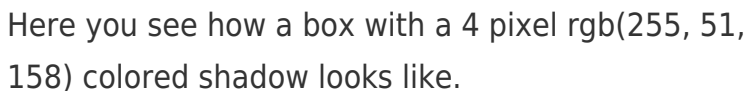
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 51, 158) }
```


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

```
.border{ border-color:rgb(255, 51, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 51, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 51, 158); box-shadow:4px 4px 4px 4px rgb(255, 51, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5954, 26.0963, 34.8236 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, 158) }
```

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

```
.background{ background-color: rgb(255, 51,  
158) }
```

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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