

Converting Colors

XYZ(109.1291, 57.7545,
34.1198)

Have a look what the booklet for
XYZ(109.1291, 57.7545, 34.1198)
contains.

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Color

**XYZ(48.1592, 26.2904,
31.3904)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3896
RGB	255, 56, 150
RGB Percent	100%, 22%, 59%
CMY	0.0000, 0.7803, 0.4118
CMYK	0.00, 0.78, 0.41, 0.00
HSL	332°, 100%, 61%
HSV	332°, 78%, 100%
XYZ	48.1592, 26.2904, 31.3904
YIQ	126.2170, 88.4300, 71.4220

Conversions

Conversions Part 2

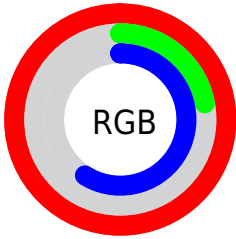
Format	Color
R _Y B	255, 56, 150
Decimal	16726166
CIE Lab	58.31, 78.30, -4.00
CIE LCh	58, 78.405, 357.077
Yxy	26.2904, 0.4550, 0.2484
Android (android.graphics.Color)	4294916246 (0xFFFF3896)
YUV	126.2170, 11.7250, 112.9427
Hunter-Lab	51.2742, 77.9261, -0.4058

Details

The XYZ color **48.1592, 26.2904, 31.3904** 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 **43.8261, 74.9349, 45.8794**, and the grayscale version is **19.8477, 20.8814, 22.7398**.

A 20% lighter version of the original color is **59.0986, 39.5387, 61.6436**, and **24.2445, 12.2383, 12.8888** is the 20% darker color. If you saturate the color by 10%, you get **46.2001, 24.0079, 25.6950**, and if you desaturate by 10%, it is **50.8727, 29.8825, 37.9516**.

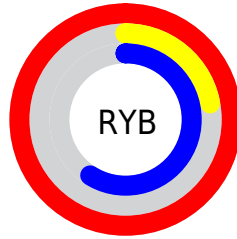
Distribution



Red (100%)

Green (22%)

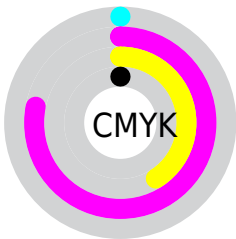
Blue (59%)



Red (100%)

Yellow (22%)

Blue (59%)

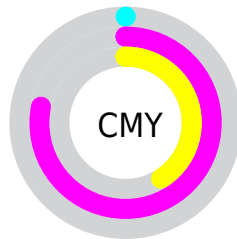


Cyan (0%)

Magenta (78%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1592, 26.2904, 31.3904 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 48.1592, 26.2904, 31.3904 by changing the saturation by 10% instead.


 48.1592, 26.2904,
31.3904


 48.1592, 26.2904,
31.3904


369.9949,
284.2047, 322.7396


 34.1648, 17.0410,
20.6354


 86.6497, 53.7431,
62.9410


 23.1837, 10.2637,
12.6691


 111.8764, 72.7151,
84.5736


 14.8506, 5.5742,
7.0730


 141.5779, 95.6969,
110.6691

 8.8003, 2.5879,
3.4287

 176.1196,
123.0727, 141.6461

 4.6672, 0.9206,
1.3175

 215.8667,
155.2270, 177.9231

 2.0861, 0.0000,
0.0760

261.1848,

 0.6816, 0.0000,

192.5442, 219.9187

0.0000

312.4391,
235.4086, 268.0513

■ 0.0000, 0.0000,
0.0000

■ 48.1592, 26.2904,
31.3904

■ 48.1592, 26.2904,
31.3904

■ 46.2001, 24.0079,
25.6950

■ 50.8727, 29.8825,
37.9516

■ 44.8751, 22.8011,
20.8039

■ 54.4263, 34.9495,
45.4263

■ 44.6570, 22.6268,
19.9240

■ 58.8959, 41.6366,
53.8587

■ 64.3474, 50.0703,
63.2889

■ 70.8408, 60.3644,
73.7540

78.4307, 72.6232,
85.2892

87.1680, 86.9430,
97.9274

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.



43.7726, 26.2904, 67.7423



48.1592, 26.2904, 31.3904



45.1466, 26.2904, 10.7493

Triad

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



48.1592, 26.2904, 31.3904



17.5318, 26.2904, 2.6986



16.2829, 26.2904, 99.2773

Complementary

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



48.1592, 26.2904, 31.3904



43.8261, 74.9349, 45.8794

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.



11.9519, 26.2904, 59.8286



48.1592, 26.2904, 31.3904



12.5334, 26.2904, 8.5096

Square

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



48.1592, 26.2904, 31.3904



25.9358, 26.2904, 1.6830



10.7772, 26.2904, 26.0284



24.0641, 26.2904, 119.7200

Rectangle

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



48.1592, 26.2904, 31.3904



39.6837, 26.2904, 4.8119



10.7772, 26.2904, 26.0284



14.4591, 26.2904, 86.9283

Sweetspot

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



48.1599, 26.2919, 31.3908



74.5205, 66.2826, 79.4239



33.7282, 17.4029, 96.1890



15.3790, 13.2671, 16.1230



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.



48.1599, 26.2919, 31.3908



45.3454, 23.1823, 22.6851



43.5352, 24.7079, 6.2180



18.3665, 18.1299, 20.5474



23.4084, 11.8527, 10.8010



2.3339, 1.1759, 1.3397

Inverse Universe

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



48.1599, 26.2919, 31.3908



45.3454, 23.1823, 22.6851



54.3928, 77.4833, 106.6966



18.3665, 18.1299, 20.5474



23.4084, 11.8527, 10.8010



2.3339, 1.1759, 1.3397

Previews

White Background



This preview shows how the XYZ color 48.1592, 26.2904, 31.3904 looks on a white background.

Color Contrast Check

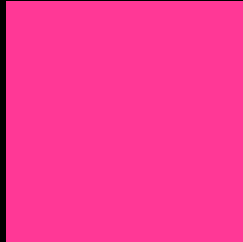
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1592, 26.2904, 31.3904 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 48.1592, 26.2904, 31.3904

Background



This preview shows how black text looks on a background with the XYZ color 48.1592, 26.2904, 31.3904.



This preview shows how white text looks on a background with the XYZ color 48.1592, 26.2904,

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

48.1592, 26.2904, 31.3904

Protanopia

27.4949, 26.4343, 59.5303

Deuteranopia

26.8642, 26.3718, 28.4853



Tritanopia

43.8161, 26.2573, 10.3482

Trichromacy



Original Color

48.1592, 26.2904, 31.3904



Protanomaly

30.2720, 22.5790, 47.5624



Deuteranomaly

31.7776, 23.6054, 29.2670



Tritanomaly

44.8228, 25.9716, 16.0152

Monochromacy



Original Color

48.1592, 26.2904, 31.3904



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

26.2604, 19.9409, 25.3866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1592, 26.2904, 31.3904 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 56, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 150) }
```

Border

The CSS property to change the border of an element to XYZ 48.1592, 26.2904, 31.3904 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, 150) }
```


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

```
.border{ border-color:rgb(255, 56, 150) }
```

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, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 56, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 56, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 56,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1592, 26.2904, 31.3904 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, 150) }
```

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

```
.background{ background-color: rgb(255, 56,  
150) }
```

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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