

Converting Colors

XYZ(48.0442, 25.9927, 31.5608)

Have a look what the booklet for
XYZ(48.0442, 25.9927, 31.5608)
contains.

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Color

**XYZ(48.0990, 26.0406,
31.7694)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3597
RGB	255, 53, 151
RGB Percent	100%, 21%, 59%
CMY	0.0000, 0.7921, 0.4078
CMYK	0.00, 0.79, 0.41, 0.00
HSL	331°, 100%, 60%
HSV	331°, 79%, 100%
XYZ	48.0990, 26.0406, 31.7694
YIQ	124.5700, 88.9340, 73.3020

Conversions

Conversions Part 2

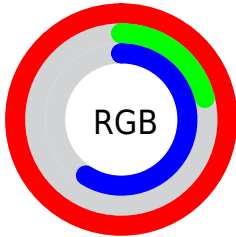
Format	Color
R_{YB}	255, 53, 151
Decimal	16725399
CIE _{Lab}	58.08, 79.15, -4.94
CIE _{LCh}	58, 79.308, 356.432
Yxy	26.0406, 0.4542, 0.2459
Android (android.graphics.Color)	4294915479 (0xFFFF3597)
YUV	124.5700, 13.0300, 114.3871
Hunter-Lab	51.0300, 78.9451, -1.1908

Details

The XYZ color **48.0990, 26.0406, 31.7694** 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 **43.3162, 74.7121, 44.0434**, and the grayscale version is **19.2880, 20.2925, 22.0986**.

A 20% lighter version of the original color is **58.9759, 39.1007, 62.1964**, and **24.0385, 12.1266, 13.1303** is the 20% darker color. If you saturate the color by 10%, you get **46.2219, 23.8990, 26.1725**, and if you desaturate by 10%, it is **50.7138, 29.4675, 38.1985**.

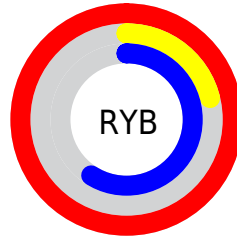
Distribution



Red (100%)

Green (21%)

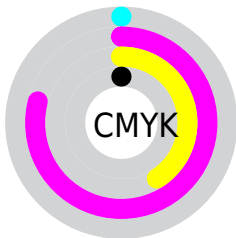
Blue (59%)



Red (100%)

Yellow (21%)

Blue (59%)

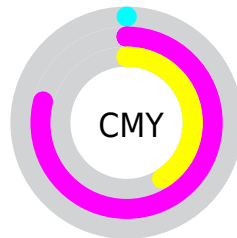


Cyan (0%)

Magenta (79%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0990, 26.0406, 31.7694 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 48.0990, 26.0406, 31.7694 by changing the saturation by 10% instead.


 48.0990, 26.0406,
31.7694

 48.0990, 26.0406,
31.7694


369.7605,
282.9813, 324.5277

 34.1169, 16.8540,
20.9221


 86.5606, 53.3404,
63.5431


 23.1467, 10.1305,
12.8764


 111.7708, 72.2225,
85.3066


 14.8232, 5.4855,
7.2137


 141.4543, 95.1051,
111.5458

 8.7809, 2.5349,
3.5157

 175.9766,
122.3728, 142.6794

 4.6545, 0.8940,
1.3636

 215.7031,
154.4098, 179.1258

 2.0787, 0.0000,
0.1131

260.9989,

 0.6776, 0.0000,

191.6007, 221.3037

0.0000

312.2296,
234.3297, 269.6315

■ 0.0000, 0.0000,
0.0000

■ 48.0990, 26.0406,
31.7694

■ 48.0990, 26.0406,
31.7694

■ 46.2219, 23.8990,
26.1725

■ 50.7138, 29.4675,
38.1985

■ 44.9469, 22.7778,
21.3430

■ 54.1537, 34.3486,
45.5066

■ 44.8592, 22.7077,
20.9890

■ 58.4953, 40.8317,
53.7370

■ 63.8055, 49.0448,
62.9286

■ 70.1444, 59.1030,
73.1175

■ 77.5671, 71.1113,
84.3377

■ 86.1245, 85.1669,
96.6212

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.



43.5185, 26.0406, 68.7349



48.0990, 26.0406, 31.7694



45.2119, 26.0406, 10.7417

Triad

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



48.0990, 26.0406, 31.7694



17.4152, 26.0406, 2.4808



15.8895, 26.0406, 99.0656

Complementary

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



48.0990, 26.0406, 31.7694



43.3162, 74.7121, 44.0434

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.



11.6365, 26.0406, 58.9645



48.0990, 26.0406, 31.7694



12.3443, 26.0406, 8.0281

Square

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



48.0990, 26.0406, 31.7694



25.9164, 26.0406, 1.5587



10.5294, 26.0406, 25.1922



23.6207, 26.0406, 120.4950

Rectangle

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



48.0990, 26.0406, 31.7694



39.7625, 26.0406, 4.7191



10.5294, 26.0406, 25.1922



14.0913, 26.0406, 86.4277

Sweetspot

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



48.0997, 26.0421, 31.7698



73.8726, 65.1087, 78.8317



32.6518, 16.6386, 96.0982



15.2591, 13.0443, 16.0301



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.



48.0997, 26.0421, 31.7698



45.4280, 23.1604, 23.2895



43.1568, 24.0649, 5.7406



18.3765, 18.1339, 20.6000



23.5147, 11.8952, 11.3609



2.3445, 1.1802, 1.3954

Inverse Universe

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



48.0997, 26.0421, 31.7698



45.4280, 23.1604, 23.2895



55.2790, 79.4972, 107.0385



18.3765, 18.1339, 20.6000



23.5147, 11.8952, 11.3609



2.3445, 1.1802, 1.3954

Previews

White Background



This preview shows how the XYZ color 48.0990, 26.0406, 31.7694 looks on a white background.

Color Contrast Check

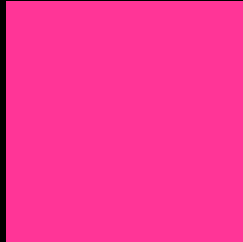
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.0990, 26.0406, 31.7694 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 48.0990, 26.0406, 31.7694

Background



This preview shows how black text looks on a background with the XYZ color 48.0990, 26.0406, 31.7694.



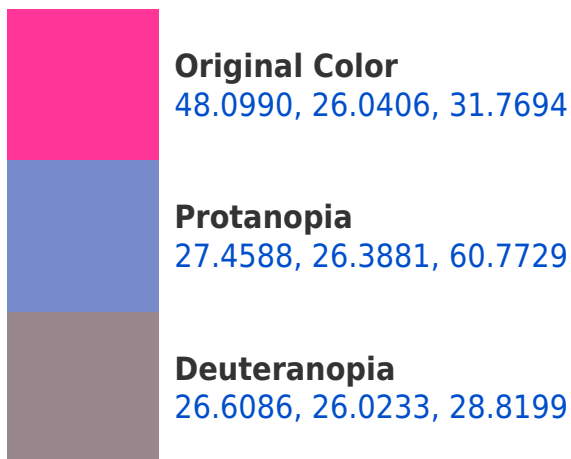
This preview shows how white text looks on a background with the XYZ color 48.0990, 26.0406,

31.7694.

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





Tritanopia

43.7110, 26.1059, 10.1323

Trichromacy



Original Color

48.0990, 26.0406, 31.7694



Protanomaly

30.1631, 22.3430, 48.6218



Deuteranomaly

31.3976, 23.0946, 29.5909



Tritanomaly

44.7018, 25.7297, 15.9749

Monochromacy



Original Color

48.0990, 26.0406, 31.7694



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

25.7782, 19.4156, 24.9432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0990, 26.0406, 31.7694 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 53, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 53, 151) }
```

Border

The CSS property to change the border of an element to XYZ 48.0990, 26.0406, 31.7694 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, 151) }
```


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

```
.border{ border-color:rgb(255, 53, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 53, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 53, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 53,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0990, 26.0406, 31.7694 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, 151) }
```

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

```
.background{ background-color: rgb(255, 53,  
151) }
```

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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