

Converting Colors

XYZ(48.3576, 26.5213, 51.9732)

Have a look what the booklet for
XYZ(48.3576, 26.5213, 51.9732)
contains.

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Color

**XYZ(48.1995, 26.4831,
51.8616)**

Conversions

Conversions Part 1

Format	Color
Hex	F340BF
RGB	243, 64, 191
RGB Percent	95%, 25%, 75%
CMY	0.0471, 0.7490, 0.2510
CMYK	0.00, 0.74, 0.21, 0.05
HSL	317°, 88%, 60%
HSV	317°, 74%, 95%
XYZ	48.1995, 26.4831, 51.8616
YIQ	131.9990, 65.9170, 77.4450

Conversions

Conversions Part 2

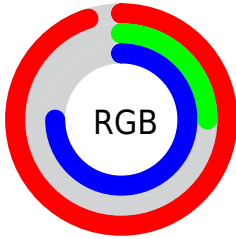
Format	Color
R_{YB}	243, 64, 191
Decimal	15941823
CIE _{Lab}	58.49, 77.63, -27.76
CIE _{LCh}	58, 82.446, 340.327
Yxy	26.4831, 0.3809, 0.2093
Android (android.graphics.Color)	4294131903 (0xFFFF340BF)
YUV	131.9990, 29.0875, 97.3479
Hunter-Lab	51.4617, 77.1266, -23.7275

Details

The XYZ color **48.1995, 26.4831, 51.8616** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **37.3189, 66.4530, 27.3863**, and the grayscale version is **21.8156, 22.9517, 24.9944**.

A 20% lighter version of the original color is **65.7726, 43.2161, 93.6819**, and **23.8068, 11.7512, 24.6804** is the 20% darker color. If you saturate the color by 10%, you get **46.3569, 24.0112, 47.5062**, and if you desaturate by 10%, it is **50.6776, 30.1655, 56.6140**.

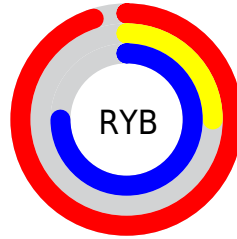
Distribution



Red (95%)

Green (25%)

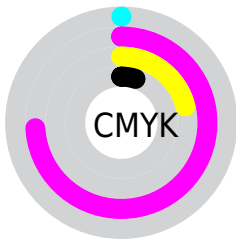
Blue (75%)



Red (95%)

Yellow (25%)

Blue (75%)

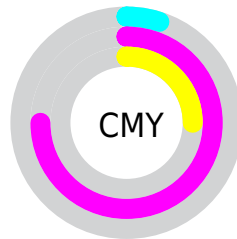


Cyan (0%)

Magenta (74%)

Yellow (21%)

Black (5%)



Cyan (5%)


Magenta (75%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1995, 26.4831, 51.8616 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 48.1995, 26.4831, 51.8616 by changing the saturation by 10% instead.


 48.1995, 26.4831,
51.8616

 48.1995, 26.4831,
51.8616

370.1518,
285.1456, 410.8438

 34.1968, 17.1854,
36.5133


 86.7093, 54.0533,
94.3516


 23.2084, 10.3668,
24.5381


 111.9470, 73.0946,
122.3304


 14.8690, 5.6428,
15.5173


 141.6606, 96.1525,
155.3564

 8.8132, 2.6291,
9.0326

 176.2152,
123.6114, 193.8481

 4.6757, 0.9413,
4.6654

 215.9763,
155.8558, 238.2242

 2.0911, 0.0000,
1.9970

261.3092,

 0.6843, 0.0000,

193.2701, 288.9032

0.5534

312.5792,
236.2385, 346.3035

■ 0.0000, 0.0000,
0.0000

■ 48.1995, 26.4831,
51.8616

■ 48.1995, 26.4831,
51.8616

■ 46.3569, 24.0112,
47.5062

■ 50.6776, 30.1655,
56.6140

■ 45.0630, 22.5777,
43.5158


■ 53.8581, 35.1921,
61.7876

■ 44.4475, 22.0489,
41.1466


■ 57.8017, 41.6835,
67.4054


■ 62.5619, 49.7456,
73.4875

■ 68.1870, 59.4746,
80.0525

 74.7217, 70.9587,
87.1177

 82.2073, 84.2802,
94.6990

 89.5846, 97.3197,
102.4457

 90.6979, 97.7650,
108.3080

Harmonies

Analogous

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



39.9199, 26.4831, 95.2680



48.1995, 26.4831, 51.8616



49.4715, 26.4831, 19.9827

Triad

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



48.1995, 26.4831, 51.8616



21.8531, 26.4831, 1.4426



13.0941, 26.4831, 81.7679

Complementary

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



48.1995, 26.4831, 51.8616



37.3189, 66.4530, 27.3863

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.



10.5087, 26.4831, 39.9794



48.1995, 26.4831, 51.8616



14.5930, 26.4831, 3.8390

Square

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



48.1995, 26.4831, 51.8616



32.2796, 26.4831, 1.7845



10.9721, 26.4831, 13.8898



19.1917, 26.4831, 119.0995

Rectangle

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



48.1995, 26.4831, 51.8616



45.8913, 26.4831, 8.9028



10.9721, 26.4831, 13.8898



11.8702, 26.4831, 66.9448

Sweetspot

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



48.2004, 26.4845, 51.8621



77.1764, 68.2752, 90.5414



25.0459, 13.7654, 86.1313



16.1232, 13.9232, 18.9365



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.



48.2004, 26.4845, 51.8621



50.9928, 25.9285, 50.9219



41.2341, 23.6980, 15.1783



16.9964, 16.6814, 19.7277



24.4558, 12.1258, 22.9063



2.1939, 1.0835, 2.2477

Inverse Universe

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



48.2004, 26.4845, 51.8621



50.9928, 25.9285, 50.9219



45.0913, 69.5620, 68.3151



16.9964, 16.6814, 19.7277



24.4558, 12.1258, 22.9063



2.1939, 1.0835, 2.2477

Previews

White Background



This preview shows how the XYZ color 48.1995, 26.4831, 51.8616 looks on a white background.

Color Contrast Check

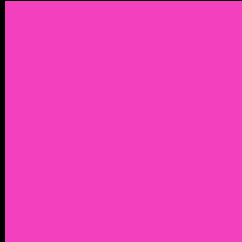
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1995, 26.4831, 51.8616 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 48.1995, 26.4831, 51.8616

Background



This preview shows how black text looks on a background with the XYZ color 48.1995, 26.4831, 51.8616.

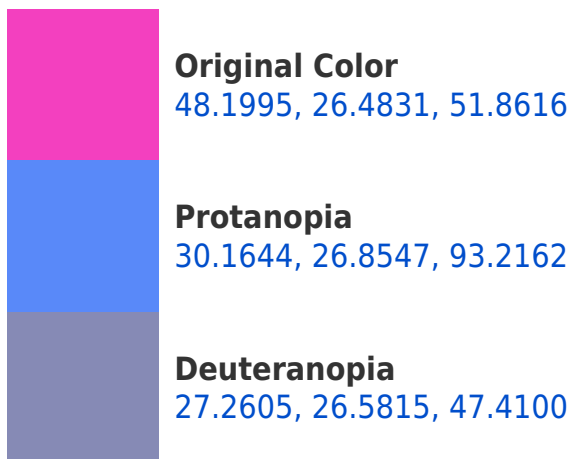


This preview shows how white text looks on a background with the XYZ color 48.1995, 26.4831,

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

40.4274, 26.3917, 14.7677

Trichromacy



Original Color

48.1995, 26.4831, 51.8616



Protanomaly

31.2566, 22.7730, 76.1470



Deuteranomaly

31.8970, 23.8703, 48.8252



Tritanomaly

42.4420, 25.8777, 24.5877

Monochromacy



Original Color

48.1995, 26.4831, 51.8616



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

28.0207, 21.5860, 32.8266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1995, 26.4831, 51.8616 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(243, 64, 191)` looks like.

```
.text, #text, p{  
    color:rgb(243, 64, 191)  
}
```

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(243, 64, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 64, 191) }
```

Border

The CSS property to change the border of an element to XYZ 48.1995, 26.4831, 51.8616 is called "border". The border property can be set on classes, ids or directly on the HTML element.

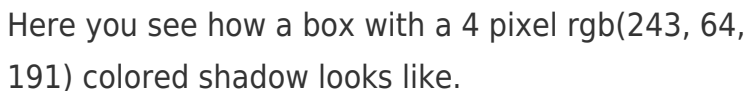
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 64, 191) }
```


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

```
.border{ border-color:rgb(243, 64, 191) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(243, 64, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 64, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 64, 191);  
box-shadow:4px 4px 4px 4px rgb(243, 64,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1995, 26.4831, 51.8616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 64, 191) }
```

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

```
.background{ background-color: rgb(243, 64,  
191) }
```

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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