

Converting Colors

XYZ(48.9547, 29.2502, 34.5181)

Have a look what the booklet for
XYZ(48.9547, 29.2502, 34.5181)
contains.

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Color

**XYZ(48.9547, 29.2502,
34.5181)**

Conversions

Conversions Part 1

Format	Color
Hex	FB549C
RGB	251, 84, 156
RGB Percent	98%, 33%, 61%
CMY	0.0157, 0.6705, 0.3882
CMYK	0.00, 0.67, 0.38, 0.02
HSL	334°, 95%, 66%
HSV	334°, 67%, 98%
XYZ	48.9547, 29.2502, 34.5181
YIQ	142.1410, 76.4200, 57.7960

Conversions

Conversions Part 2

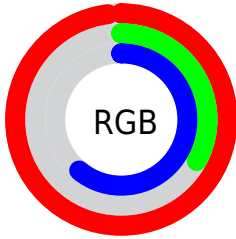
Format	Color
R _Y B	251, 84, 156
Decimal	16471196
CIE Lab	61.00, 68.89, -3.61
CIE LCh	61, 68.985, 357.000
Yxy	29.2502, 0.4343, 0.2595
Android (android.graphics.Color)	4294661276 (0xFFFB549C)
YUV	142.1410, 6.8325, 95.4693
Hunter-Lab	54.0835, 66.9267, 0.0173

Details

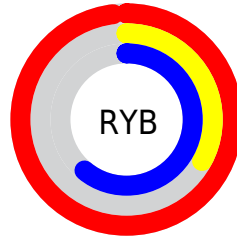
The XYZ color **48.9547, 29.2502, 34.5181** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **46.2919, 74.1346, 54.5226**, and the grayscale version is **25.7212, 27.0607, 29.4691**.

A 20% lighter version of the original color is **62.6953, 45.5581, 66.4619**, and **23.7850, 11.9671, 14.4209** is the 20% darker color. If you saturate the color by 10%, you get **46.2045, 25.5726, 27.9823**, and if you desaturate by 10%, it is **52.5462, 34.3829, 42.0362**.

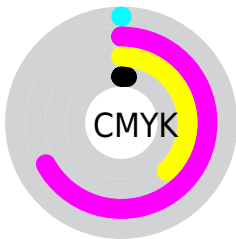
Distribution



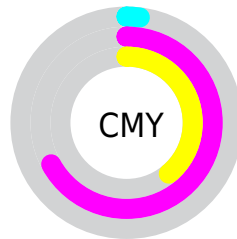
- Red (98%)
- Green (33%)
- Blue (61%)



- Red (98%)
- Yellow (33%)
- Blue (61%)



- Cyan (0%)
- Magenta (67%)
- Yellow (38%)
- Black (2%)




- Cyan (2%)
- Magenta (67%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9547, 29.2502, 34.5181 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 48.9547, 29.2502, 34.5181 by changing the saturation by 10% instead.


 48.9547, 29.2502,
34.5181


 48.9547, 29.2502,
34.5181


373.0839,
298.3936, 337.2755


 34.7979, 19.2702,
23.0113

 87.8253, 58.4744,
67.8816

 23.6730, 11.8657,
14.3965


 113.2698, 78.4873,
90.5755

 15.2147, 6.6523,
8.2551


 143.2077,
102.6133, 117.8354

 9.0575, 3.2456,
4.1685

 178.0042,
131.2368, 150.0800

 4.8361, 1.2613,
1.7182

218.0247,
164.7422, 187.7277

 2.1852, 0.1109,
0.3732

263.6346,

 0.7349, 0.0000,

203.5139, 231.1972

0.0000

315.1992,
247.9362, 280.9070

■ 0.0000, 0.0000,
0.0000

■ 48.9547, 29.2502,
34.5181

■ 48.9547, 29.2502,
34.5181

■ 46.2045, 25.5726,
27.9823

■ 52.5462, 34.3829,
42.0362

■ 44.2099, 23.1863,
22.3753

■ 57.0483, 41.1018,
50.5819


■ 42.8679, 21.8942,
17.6375

■ 62.5252, 49.5284,
60.1989

■ 42.5014, 21.5963,
16.1737

■ 69.0346, 59.7710,
70.9274

■ 76.6294, 71.9289,
82.8053

 85.3588, 86.0943,
95.8684

 93.5936, 99.2492,
108.8318

Harmonies

Analogous

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



45.0215, 29.2502, 67.2622



48.9547, 29.2502, 34.5181



46.2843, 29.2502, 14.2082

Triad

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



48.9547, 29.2502, 34.5181



20.6507, 29.2502, 4.9324



19.3884, 29.2502, 94.2665

Complementary

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



48.9547, 29.2502, 34.5181



46.2919, 74.1346, 54.5226

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.



15.0395, 29.2502, 60.1228



48.9547, 29.2502, 34.5181



15.6499, 29.2502, 11.7393

Square

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



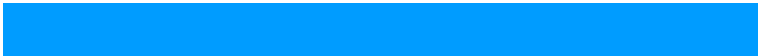
48.9547, 29.2502, 34.5181



28.7186, 29.2502, 3.5464



13.8345, 29.2502, 29.3202



26.9040, 29.2502, 111.6037

Rectangle

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



48.9547, 29.2502, 34.5181



41.3791, 29.2502, 7.5896



13.8345, 29.2502, 29.3202



17.5755, 29.2502, 83.7041

Sweetspot

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



48.9555, 29.2518, 34.5186



76.5585, 69.9360, 81.4056



39.0905, 22.8479, 93.6164



15.9120, 14.2092, 16.6821



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.



48.9555, 29.2518, 34.5186



47.0800, 25.4901, 26.8439



45.4893, 29.3597, 11.6591



17.5553, 17.3495, 19.5138



22.4103, 11.3798, 8.8689



2.1276, 1.0748, 1.0952

Inverse Universe

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



48.9555, 29.2518, 34.5186



47.0800, 25.4901, 26.8439



52.1907, 71.0923, 102.2381



17.5553, 17.3495, 19.5138



22.4103, 11.3798, 8.8689



2.1276, 1.0748, 1.0952

Previews

White Background



This preview shows how the XYZ color 48.9547, 29.2502, 34.5181 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 48.9547, 29.2502, 34.5181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

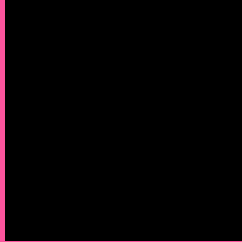
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9547, 29.2502, 34.5181

Background



This preview shows how black text looks on a background with the XYZ color 48.9547, 29.2502, 34.5181.



This preview shows how white text looks on a background with the XYZ color 48.9547, 29.2502,

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

48.9547, 29.2502, 34.5181

Protanopia

30.0742, 29.6116, 56.3551

Deuteranopia

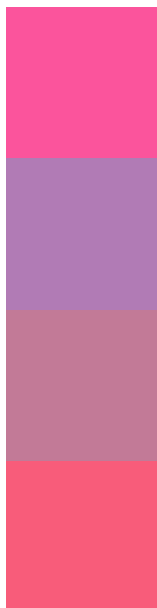
30.0680, 29.4644, 32.1194



Tritanopia

44.9389, 29.0992, 15.8185

Trichromacy



Original Color

48.9547, 29.2502, 34.5181

Protanomaly

33.5549, 26.8492, 47.1299

Deuteranomaly

34.7936, 27.6228, 32.7761

Tritanomaly

46.0514, 29.0159, 21.5858

Monochromacy



Original Color

48.9547, 29.2502, 34.5181

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

31.3952, 25.7264, 30.9147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9547, 29.2502, 34.5181 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(251, 84, 156)` looks like.

```
.text, #text, p{  
    color:rgb(251, 84, 156)  
}
```

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(251, 84, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 84, 156) }
```

Border

The CSS property to change the border of an element to XYZ 48.9547, 29.2502, 34.5181 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(251, 84, 156) }
```


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

```
.border{ border-color:rgb(251, 84, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 84, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 84, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 84, 156);  
box-shadow:4px 4px 4px 4px rgb(251, 84,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9547, 29.2502, 34.5181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 84, 156) }
```

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

```
.background{ background-color: rgb(251, 84,  
156) }
```

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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