

Converting Colors

XYZ(61.9409, 35.9595, 25.8683)

Have a look what the booklet for
XYZ(61.9409, 35.9595, 25.8683)
contains.

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Color

**XYZ(48.4909, 28.9880,
25.2298)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5285
RGB	255, 82, 133
RGB Percent	100%, 32%, 52%
CMY	0.0000, 0.6784, 0.4784
CMYK	0.00, 0.68, 0.48, 0.00
HSL	342°, 100%, 66%
HSV	342°, 68%, 100%
XYZ	48.4909, 28.9880, 25.2298
YIQ	139.5410, 86.7370, 52.5370

Conversions

Conversions Part 2

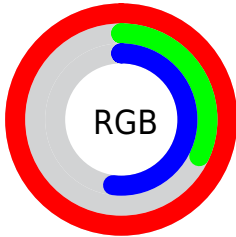
Format	Color
R _Y B	255, 82, 133
Decimal	16732805
CIE Lab	60.77, 68.62, 9.52
CIE LCh	61, 69.273, 7.900
Yxy	28.9880, 0.4721, 0.2822
Android (android.graphics.Color)	4294922885 (0xFFFF5285)
YUV	139.5410, -3.2247, 101.2575
Hunter-Lab	53.8405, 66.5433, 9.9049

Details

The XYZ color **48.4909, 28.9880, 25.2298** 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 **50.1408, 77.6742, 69.4828**, and the grayscale version is **24.7395, 26.0278, 28.3443**.

A 20% lighter version of the original color is **59.6278, 43.8549, 51.7765**, and **23.5926, 11.9775, 9.4559** is the 20% darker color. If you saturate the color by 10%, you get **45.7744, 25.3762, 18.7103**, and if you desaturate by 10%, it is **52.1356, 34.1160, 33.1086**.

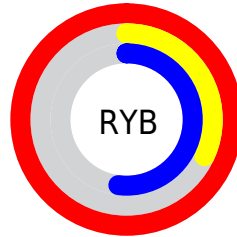
Distribution



Red (100%)

Green (32%)

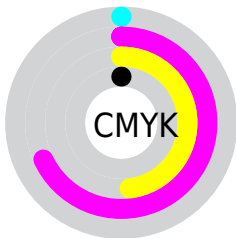
Blue (52%)



Red (100%)

Yellow (32%)

Blue (52%)

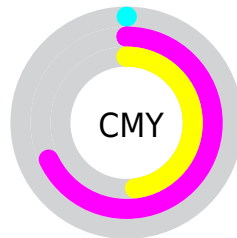


Cyan (0%)

Magenta (68%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (68%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4909, 28.9880, 25.2298 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 48.4909, 28.9880, 25.2298 by changing the saturation by 10% instead.


 48.4909, 28.9880,
25.2298


 48.4909, 28.9880,
25.2298


371.2849,
297.1583, 292.4647


 34.4287, 19.0717,
16.0278


 87.1401, 58.0580,
52.9985

 23.3876, 11.7221,
9.3892


 112.4579, 77.9806,
72.4023

 15.0022, 6.5548,
4.8957


 142.2581,
102.0073, 96.0437

 8.9073, 3.1853,
2.1285

 176.9063,
130.5227, 124.3413

 4.7374, 1.2292,
0.6327

216.7677,
163.9111, 157.7137

 2.1272, 0.0854,
0.0000

262.2077,

 0.7039, 0.0000,

202.5569, 196.5794

0.0000

313.5916,
246.8445, 241.3568

■ 0.0000, 0.0000,
0.0000

■ 48.4909, 28.9880,
25.2298

■ 48.4909, 28.9880,
25.2298

■ 45.7744, 25.3762,
18.7103

■ 52.1356, 34.1160,
33.1086

■ 43.8894, 23.1042,
13.4637

■ 56.7873, 40.9013,
42.4220


■ 42.7128, 21.9448,
9.3912

■ 62.5185, 49.4740,
53.2409

■ 42.5155, 21.7702,
8.6472

■ 69.3942, 59.9500,
65.6306

■ 77.4742, 72.4352,
79.6527

 86.8138, 87.0277,
95.3652

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



46.8950, 28.9880, 54.1186



48.4909, 28.9880, 25.2298



43.5856, 28.9880, 9.8593

Triad

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



48.4909, 28.9880, 25.2298



18.2312, 28.9880, 6.3851



21.5416, 28.9880, 103.3406

Complementary

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



48.4909, 28.9880, 25.2298



50.1408, 77.6742, 69.4828

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.



16.0297, 28.9880, 72.8399



48.4909, 28.9880, 25.2298



14.4286, 28.9880, 16.3492

Square

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



48.4909, 28.9880, 25.2298



25.2416, 28.9880, 3.5260



13.7213, 28.9880, 38.8762



29.9997, 28.9880, 110.4901

Rectangle

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



48.4909, 28.9880, 25.2298



37.8079, 28.9880, 5.4443



13.7213, 28.9880, 38.8762



19.3422, 28.9880, 94.9048

Sweetspot

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



48.4917, 28.9896, 25.2303



75.6233, 69.5619, 76.4814



45.7247, 25.9672, 97.2096



15.6899, 14.1204, 15.5123



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.



48.4917, 28.9896, 25.2303



45.0937, 24.5222, 16.9185



49.0790, 34.5008, 12.0574



18.2296, 18.0752, 19.8263



22.2717, 11.3980, 4.8155



2.2139, 1.1279, 0.7078

Inverse Universe

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



48.4917, 28.9896, 25.2303



45.0937, 24.5222, 16.9185



47.2294, 60.4119, 103.7789



18.2296, 18.0752, 19.8263



22.2717, 11.3980, 4.8155



2.2139, 1.1279, 0.7078

Previews

White Background



This preview shows how the XYZ color 48.4909, 28.9880, 25.2298 looks on a white background.

Color Contrast Check

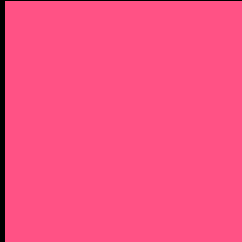
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.4909, 28.9880, 25.2298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

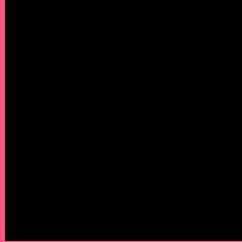
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 48.4909, 28.9880, 25.2298

Background



This preview shows how black text looks on a background with the XYZ color 48.4909, 28.9880, 25.2298.



This preview shows how white text looks on a background with the XYZ color 48.4909, 28.9880,

25.2298.

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

48.4909, 28.9880, 25.2298

Protanopia

28.6745, 29.2246, 41.1754

Deuteranopia

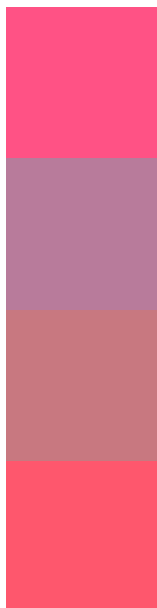
29.5887, 28.9654, 23.4334



Tritanopia

46.2297, 29.0212, 13.9915

Trichromacy



Original Color

48.4909, 28.9880, 25.2298

Protanomaly

32.7665, 26.7228, 34.4414

Deuteranomaly

34.4322, 27.2708, 23.8711

Tritanomaly

47.0416, 28.9913, 17.5845

Monochromacy



Original Color

48.4909, 28.9880, 25.2298

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

30.4036, 24.9449, 26.8793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4909, 28.9880, 25.2298 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, 82, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 133)  
}
```

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, 82, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 133) }
```

Border

The CSS property to change the border of an element to XYZ 48.4909, 28.9880, 25.2298 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, 82, 133) }
```


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

```
.border{ border-color:rgb(255, 82, 133) }
```

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

Here you see how a box with a 4 pixel rgb(255, 82, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4909, 28.9880, 25.2298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 133) }
```

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

```
.background{ background-color: rgb(255, 82,  
133) }
```

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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