

Converting Colors

XYZ(79.2688, 45.6299, 26.8790)

Have a look what the booklet for
XYZ(79.2688, 45.6299, 26.8790)
contains.

XYZ(49.0460, 30.0982, 25.4148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.0460, 30.0982,
25.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5985
RGB	255, 89, 133
RGB Percent	100%, 35%, 52%
CMY	0.0000, 0.6509, 0.4784
CMYK	0.00, 0.65, 0.48, 0.00
HSL	344°, 100%, 67%
HSV	344°, 65%, 100%
XYZ	49.0460, 30.0982, 25.4148
YIQ	143.6500, 84.8120, 48.8760

Conversions

Conversions Part 2

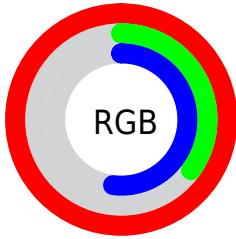
Format	Color
R _Y B	255, 89, 133
Decimal	16734597
CIE Lab	61.74, 65.96, 10.89
CIE LCh	62, 66.855, 9.375
Yxy	30.0982, 0.4691, 0.2879
Android (android.graphics.Color)	4294924677 (0xFFFF5985)
YUV	143.6500, -5.2505, 97.6539
Hunter-Lab	54.8618, 63.5693, 10.9371

Details

The XYZ color **49.0460, 30.0982, 25.4148** 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 **51.6397, 78.3477, 74.0351**, and the grayscale version is **26.3666, 27.7397, 30.2085**.

A 20% lighter version of the original color is **60.5366, 45.6726, 52.0794**, and **23.7778, 12.3481, 9.5177** is the 20% darker color. If you saturate the color by 10%, you get **46.0978, 26.0925, 18.6036**, and if you desaturate by 10%, it is **52.9613, 35.6686, 33.6887**.

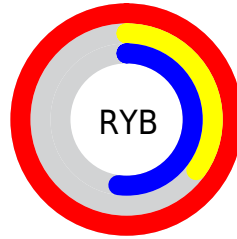
Distribution



Red (100%)

Green (35%)

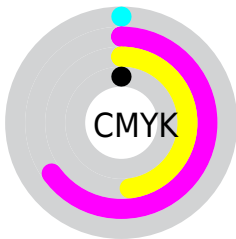
Blue (52%)



Red (100%)

Yellow (35%)

Blue (52%)

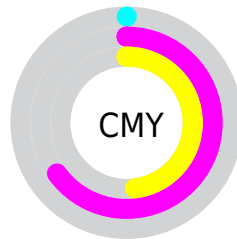


Cyan (0%)

Magenta (65%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (65%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0460, 30.0982, 25.4148 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 49.0460, 30.0982, 25.4148 by changing the saturation by 10% instead.


 49.0460, 30.0982,
25.4148


 49.0460, 30.0982,
25.4148


373.4373,
302.3619, 293.4109

 34.8707, 19.9131,
16.1645


 87.9601, 59.8174,
53.3018


 23.7293, 12.3319,
9.4850

 113.4295, 80.1204,
72.7756

 15.2566, 6.9702,
4.9578


 143.3944,
104.5648, 96.4943

 9.0871, 3.4434,
2.1642

 178.2200,
133.5350, 124.8766

 4.8556, 1.3674,
0.6536

218.2718,
167.4154, 158.3408

 2.1967, 0.1925,
0.0000

263.9150,

 0.7410, 0.0000,

206.5905, 197.3056

0.0000

315.5151,
251.4445, 242.1894

■ 0.0000, 0.0000,
0.0000

■ 49.0460, 30.0982,
25.4148

■ 49.0460, 30.0982,
25.4148

■ 46.0978, 26.0925,
18.6036

■ 52.9613, 35.6686,
33.6887

■ 44.0224, 23.4825,
13.1623

■ 57.9211, 42.9397,
43.5064

■ 42.7092, 22.0681,
8.9881

■ 63.9971, 52.0386,
54.9446

■ 42.2705, 21.6722,
7.3571

■ 71.2542, 63.0784,
68.0741

■ 79.7518, 76.1635,
82.9614

89.5456, 91.3904,
99.6694

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.



47.8120, 30.0982, 53.2587



49.0460, 30.0982, 25.4148



43.9903, 30.0982, 10.4673

Triad

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



49.0460, 30.0982, 25.4148



19.0615, 30.0982, 7.6016



22.9898, 30.0982, 103.4286

Complementary

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



49.0460, 30.0982, 25.4148



51.6397, 78.3477, 74.0351

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.



17.3075, 30.0982, 74.7654



49.0460, 30.0982, 25.4148



15.3879, 30.0982, 18.3550

Square

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



49.0460, 30.0982, 25.4148



25.9077, 30.0982, 4.2928



14.8204, 30.0982, 41.4271



31.4884, 30.0982, 108.8748

Rectangle

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



49.0460, 30.0982, 25.4148



38.2469, 30.0982, 6.0938



14.8204, 30.0982, 41.4271



20.7411, 30.0982, 95.6766

Sweetspot

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



49.0468, 30.0999, 25.4153



75.4245, 69.4824, 75.4342



48.4115, 28.1763, 97.4945



15.6428, 14.1016, 15.2646



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.



49.0468, 30.0999, 25.4153



45.4092, 25.1981, 16.8855



50.7289, 37.3523, 13.9894



18.2070, 18.0661, 19.7073



22.1394, 11.3451, 4.1186



2.1985, 1.1218, 0.6267

Inverse Universe

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



49.0468, 30.0999, 25.4153



45.4092, 25.1981, 16.8855



46.7955, 58.5939, 103.4508



18.2070, 18.0661, 19.7073



22.1394, 11.3451, 4.1186



2.1985, 1.1218, 0.6267

Previews

White Background



This preview shows how the XYZ color 49.0460, 30.0982, 25.4148 looks on a white background.

Color Contrast Check

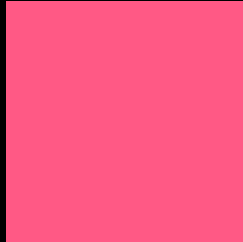
Large Text (above 18pt) WCAG AA × Fail

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 49.0460, 30.0982, 25.4148 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 ✓ Pass

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

XYZ 49.0460, 30.0982, 25.4148

Background



This preview shows how black text looks on a background with the XYZ color 49.0460, 30.0982, 25.4148.



This preview shows how white text looks on a background with the XYZ color 49.0460, 30.0982,

25.4148.

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

49.0460, 30.0982, 25.4148

Protanopia

29.5055, 30.1360, 40.3381

Deuteranopia

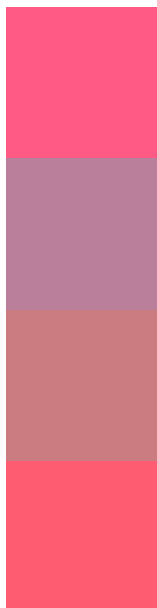
30.6882, 30.1978, 23.6134



Tritanopia

46.9492, 30.0066, 15.6293

Trichromacy



Original Color

49.0460, 30.0982, 25.4148

Protanomaly

33.6718, 27.9509, 34.1922

Deuteranomaly

35.4611, 28.5304, 24.0600

Tritanomaly

47.7680, 30.0918, 18.9134

Monochromacy



Original Color

49.0460, 30.0982, 25.4148

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

31.7084, 26.4991, 28.2546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0460, 30.0982, 25.4148 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, 89, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 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, 89, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 133) }
```

Border

The CSS property to change the border of an element to XYZ 49.0460, 30.0982, 25.4148 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, 89, 133) }
```


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

```
.border{ border-color:rgb(255, 89, 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, 89, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0460, 30.0982, 25.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 133) }
```

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

```
.background{ background-color: rgb(255, 89,  
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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