

Converting Colors

XYZ(49.4617, 31.0029, 25.3274)

Have a look what the booklet for
XYZ(49.4617, 31.0029, 25.3274)
contains.

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Color

**XYZ(49.4076, 30.9314,
25.1961)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5E84
RGB	255, 94, 132
RGB Percent	100%, 37%, 52%
CMY	0.0000, 0.6313, 0.4824
CMYK	0.00, 0.63, 0.48, 0.00
HSL	346°, 100%, 68%
HSV	346°, 63%, 100%
XYZ	49.4076, 30.9314, 25.1961
YIQ	146.4710, 83.7580, 45.9500

Conversions

Conversions Part 2

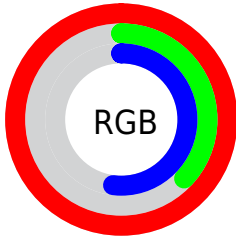
Format	Color
RYB	255, 94, 132
Decimal	16735876
CIELab	62.45, 63.88, 12.47
CIELCh	62, 65.088, 11.046
Yxy	30.9314, 0.4682, 0.2931
Android (android.graphics.Color)	4294925956 (0xFFFF5E84)
YUV	146.4710, -7.1342, 95.1799
Hunter-Lab	55.6160, 61.2461, 12.0706

Details

The XYZ color **49.4076, 30.9314, 25.1961** 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 **52.9026, 78.9103, 78.0947**, and the grayscale version is **27.5208, 28.9540, 31.5309**.

A 20% lighter version of the original color is **61.0636, 46.8960, 51.7324**, and **23.9689, 12.7925, 9.3895** is the 20% darker color. If you saturate the color by 10%, you get **46.2916, 26.6376, 18.1827**, and if you desaturate by 10%, it is **53.5228, 36.8254, 33.7714**.

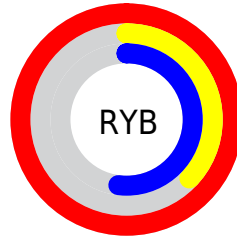
Distribution



Red (100%)

Green (37%)

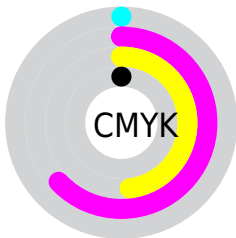
Blue (52%)



Red (100%)

Yellow (37%)

Blue (52%)

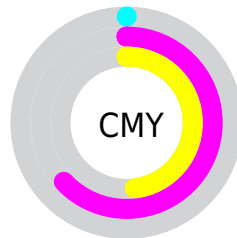


Cyan (0%)

Magenta (63%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4076, 30.9314, 25.1961 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 49.4076, 30.9314, 25.1961 by changing the saturation by 10% instead.


 49.4076, 30.9314,
25.1961


 49.4076, 30.9314,
25.1961

374.8351,
306.2222, 292.2920


 35.1588, 20.5466,
16.0029


 88.4936, 61.1321,
52.9432


 23.9523, 12.7930,
9.3718


 114.0615, 81.7167,
72.3342

 15.4228, 7.2862,
4.8844


 144.1332,
106.4701, 95.9615

 9.2049, 3.6417,
2.1220

 179.0740,
135.7767, 124.2437

 4.9332, 1.4752,
0.6288

219.2492,
170.0207, 157.5993

 2.2425, 0.2712,
0.0000

265.0242,

 0.7650, 0.0000,

209.5868, 196.4469

0.0000

316.7644,
254.8591, 241.2049

■ 0.0000, 0.0000,
0.0000

■ 49.4076, 30.9314,
25.1961

■ 49.4076, 30.9314,
25.1961

■ 46.2916, 26.6376,
18.1827

■ 53.5228, 36.8254,
33.7714

■ 44.0815, 23.7794,
12.6308

■ 58.7142, 44.4528,
43.9965

■ 42.6694, 22.1653,
8.4294

■ 65.0537, 53.9383,
55.9548

■ 42.0602, 21.5880,
6.2494

■ 72.6062, 65.3939,
69.7229

■ 81.4318, 78.9227,
85.3731

91.5862, 94.6205,
102.9734

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.



48.5560, 30.9314, 52.0683



49.4076, 30.9314, 25.1961



44.1515, 30.9314, 10.7781

Triad

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



49.4076, 30.9314, 25.1961



19.6011, 30.9314, 8.7084



24.2227, 30.9314, 103.7659

Complementary

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



49.4076, 30.9314, 25.1961



52.9026, 78.9103, 78.0947

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.



18.3645, 30.9314, 76.7575



49.4076, 30.9314, 25.1961



16.0888, 30.9314, 20.2265

Square

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



49.4076, 30.9314, 25.1961



26.2652, 30.9314, 4.9492



15.6867, 30.9314, 43.8797



32.7735, 30.9314, 107.4841

Rectangle

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



49.4076, 30.9314, 25.1961



38.4076, 30.9314, 6.5351



15.6867, 30.9314, 43.8797



21.9228, 30.9314, 96.6494

Sweetspot

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



49.4084, 30.9331, 25.1966



76.0967, 70.7290, 75.9596



50.0052, 29.6368, 97.6924



15.7658, 14.3405, 15.3273



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.



49.4084, 30.9331, 25.1966



45.5698, 25.6790, 16.4463



51.8214, 39.1897, 15.4251



18.1850, 18.0573, 19.5914



22.0250, 11.2993, 3.5161



2.1847, 1.1162, 0.5539

Inverse Universe

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



49.4084, 30.9331, 25.1966



45.5698, 25.6790, 16.4463



46.9045, 58.0750, 103.3450



18.1850, 18.0573, 19.5914



22.0250, 11.2993, 3.5161



2.1847, 1.1162, 0.5539

Previews

White Background



This preview shows how the XYZ color 49.4076, 30.9314, 25.1961 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 49.4076, 30.9314, 25.1961 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 49.4076, 30.9314, 25.1961

Background



This preview shows how black text looks on a background with the XYZ color 49.4076, 30.9314, 25.1961.

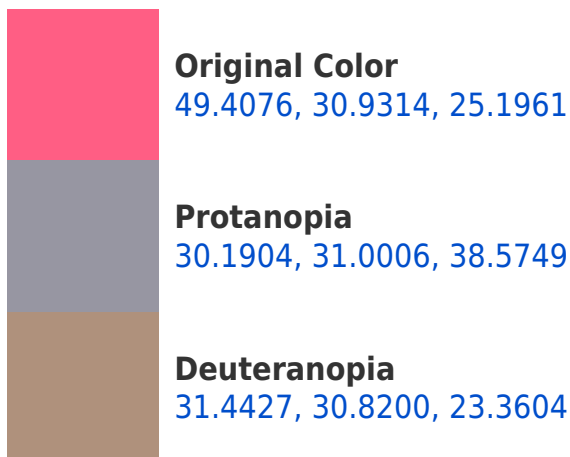


This preview shows how white text looks on a background with the XYZ color 49.4076, 30.9314,

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

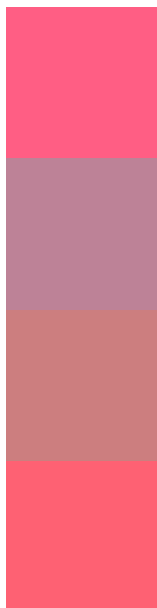




Tritanopia

47.5197, 30.8262, 16.8101

Trichromacy



Original Color

49.4076, 30.9314, 25.1961

Protanomaly

34.5548, 29.0184, 33.0580

Deuteranomaly

36.1935, 29.2914, 23.8249

Tritanomaly

48.2423, 30.8580, 19.6332

Monochromacy



Original Color

49.4076, 30.9314, 25.1961

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

32.6468, 27.5409, 28.7946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4076, 30.9314, 25.1961 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, 94, 132)` looks like.

```
.text, #text, p{  
  color:rgb(255, 94, 132)  
}
```

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, 94, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 132) }
```

Border

The CSS property to change the border of an element to XYZ 49.4076, 30.9314, 25.1961 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, 94, 132) }
```


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

```
.border{ border-color:rgb(255, 94, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4076, 30.9314, 25.1961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 132) }
```

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

```
.background{ background-color: rgb(255, 94,  
132) }
```

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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