

Converting Colors

XYZ(51.0892, 31.4547, 24.0681)

Have a look what the booklet for
XYZ(51.0892, 31.4547, 24.0681)
contains.

XYZ(48.9435, 30.3272, 24.0430)	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(48.9435, 30.3272,
24.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5B81
RGB	255, 91, 129
RGB Percent	100%, 36%, 51%
CMY	0.0000, 0.6431, 0.4941
CMYK	0.00, 0.64, 0.49, 0.00
HSL	346°, 100%, 68%
HSV	346°, 64%, 100%
XYZ	48.9435, 30.3272, 24.0430
YIQ	144.3680, 85.5460, 46.5860

Conversions

Conversions Part 2

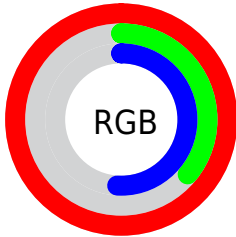
Format	Color
R_{YB}	255, 91, 129
Decimal	16735105
CIE _{Lab}	61.94, 64.84, 13.49
CIE _{LCh}	62, 66.223, 11.751
Yxy	30.3272, 0.4737, 0.2935
Android (android.graphics.Color)	4294925185 (0xFFFF5B81)
YUV	144.3680, -7.5764, 97.0243
Hunter-Lab	55.0701, 62.2689, 12.6638

Details

The XYZ color **48.9435, 30.3272, 24.0430** 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 **52.6009, 78.7546, 78.0809**, and the grayscale version is **26.6646, 28.0533, 30.5500**.

A 20% lighter version of the original color is **60.4309, 46.1323, 49.9753**, and **23.7272, 12.4905, 8.7498** is the 20% darker color. If you saturate the color by 10%, you get **45.9419, 26.2123, 17.2215**, and if you desaturate by 10%, it is **52.9366, 36.0257, 32.4274**.

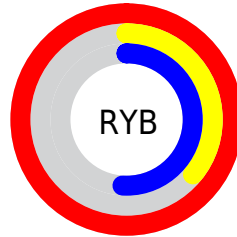
Distribution



Red (100%)

Green (36%)

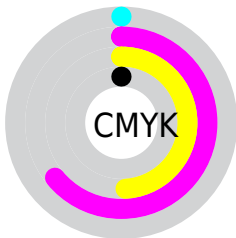
Blue (51%)



Red (100%)

Yellow (36%)

Blue (51%)

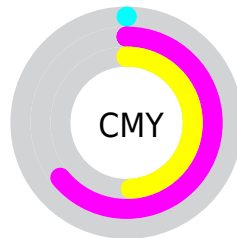


Cyan (0%)

Magenta (64%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9435, 30.3272, 24.0430 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 48.9435, 30.3272, 24.0430 by changing the saturation by 10% instead.


 48.9435, 30.3272,
24.0430


 48.9435, 30.3272,
24.0430

373.0405,
303.4266, 286.3314


 34.7890, 20.0871,
15.1530


 87.8088, 60.1792,
51.0451


 23.6661, 12.4584,
8.7790

 113.2502, 80.5599,
69.9943

 15.2095, 7.0566,
4.5025


 143.1848,
105.0896, 93.1336

 9.0539, 3.4976,
1.9049

 177.9777,
134.1527, 120.8816

 4.8337, 1.3967,
0.4958

217.9944,
168.1335, 153.6568

 2.1838, 0.2143,
0.0000

263.6002,

 0.7342, 0.0000,

207.4165, 191.8779

0.0000

315.1604,
252.3861, 235.9632

■ 0.0000, 0.0000,
0.0000

■ 48.9435, 30.3272,
24.0430

■ 48.9435, 30.3272,
24.0430

■ 45.9419, 26.2123,
17.2215

■ 52.9366, 36.0257,
32.4274

■ 43.8366, 23.5132,
11.8598

■ 57.9996, 43.4431,
42.4650

■ 42.5163, 22.0329,
7.8432

■ 64.2054, 52.7060,
54.2411

■ 42.0311, 21.5764,
6.0971

■ 71.6200, 63.9276,
67.8340

■ 80.3038, 77.2118,
83.3175

90.3136, 92.6555,
100.7612

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



48.2351, 30.3272, 50.7909



48.9435, 30.3272, 24.0430



43.5053, 30.3272, 10.0130

Triad

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



48.9435, 30.3272, 24.0430



18.8984, 30.3272, 8.3484



23.8095, 30.3272, 104.4749

Complementary

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



48.9435, 30.3272, 24.0430



52.6009, 78.7546, 78.0809

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.



17.8858, 30.3272, 77.3672



48.9435, 30.3272, 24.0430



15.4772, 30.3272, 19.9706

Square

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



48.9435, 30.3272, 24.0430



25.4909, 30.3272, 4.5762



15.1491, 30.3272, 43.9952



32.4380, 30.3272, 107.5926

Rectangle

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



48.9435, 30.3272, 24.0430



37.6700, 30.3272, 5.9831



15.1491, 30.3272, 43.9952



21.4859, 30.3272, 97.4010

Sweetspot

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



48.9443, 30.3289, 24.0435



76.0693, 70.7180, 75.8154



50.3286, 29.4151, 97.6323



15.7593, 14.3379, 15.2930



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.



48.9443, 30.3289, 24.0435



45.2917, 25.3543, 15.6399



51.7565, 39.2712, 14.7522



18.1817, 18.0560, 19.5742



22.0092, 11.2930, 3.4328



2.1827, 1.1155, 0.5436

Inverse Universe

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



48.9443, 30.3289, 24.0435



45.2917, 25.3543, 15.6399



45.7265, 56.1670, 103.0385



18.1817, 18.0560, 19.5742



22.0092, 11.2930, 3.4328



2.1827, 1.1155, 0.5436

Previews

White Background



This preview shows how the XYZ color 48.9435, 30.3272, 24.0430 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 48.9435, 30.3272, 24.0430 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 48.9435, 30.3272, 24.0430

Background



This preview shows how black text looks on a background with the XYZ color 48.9435, 30.3272, 24.0430.

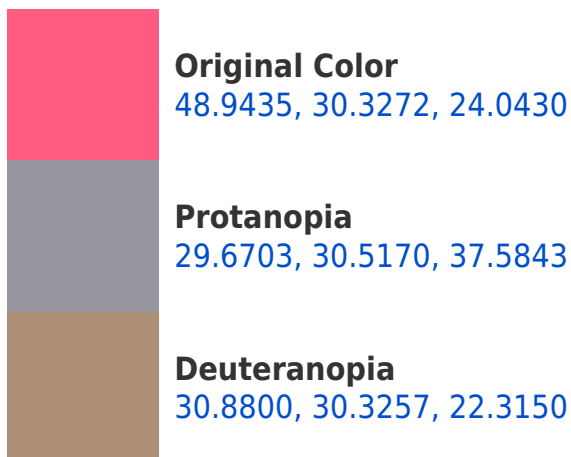


This preview shows how white text looks on a background with the XYZ color 48.9435, 30.3272,

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

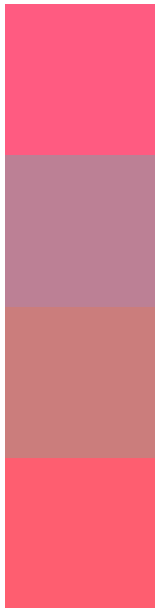




Tritanopia

47.0892, 30.2077, 15.9192

Trichromacy



Original Color

48.9435, 30.3272, 24.0430

Protanomaly

33.8830, 28.2996, 32.1103

Deuteranomaly

35.6003, 28.8190, 22.7551

Tritanomaly

47.8004, 30.2461, 18.6480

Monochromacy



Original Color

48.9435, 30.3272, 24.0430

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

31.7610, 26.7217, 27.9099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9435, 30.3272, 24.0430 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, 91, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 129)  
}
```

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, 91, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 129) }
```

Border

The CSS property to change the border of an element to XYZ 48.9435, 30.3272, 24.0430 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, 91, 129) }
```


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

```
.border{ border-color:rgb(255, 91, 129) }
```

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

Here you see how a box with a 4 pixel rgb(255, 91, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9435, 30.3272, 24.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 91, 129) }
```

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

```
.background{ background-color: rgb(255, 91,  
129) }
```

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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