

Converting Colors

XYZ(48.9724, 30.8072, 22.7505)

Have a look what the booklet for
XYZ(48.9724, 30.8072, 22.7505)
contains.

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Color

**XYZ(48.9444, 30.7461,
22.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5E7D
RGB	255, 94, 125
RGB Percent	100%, 37%, 49%
CMY	0.0000, 0.6313, 0.5098
CMYK	0.00, 0.63, 0.51, 0.00
HSL	348°, 100%, 68%
HSV	348°, 63%, 100%
XYZ	48.9444, 30.7461, 22.7570
YIQ	145.6730, 86.0050, 43.7730

Conversions

Conversions Part 2

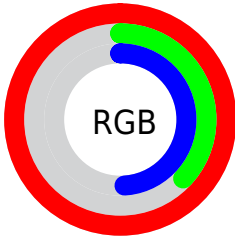
Format	Color
R _Y B	255, 94, 125
Decimal	16735869
CIE Lab	62.29, 63.30, 16.30
CIE LCh	62, 65.362, 14.438
Yxy	30.7461, 0.4778, 0.3001
Android (android.graphics.Color)	4294925949 (0xFFFF5E7D)
YUV	145.6730, -10.1918, 95.8798
Hunter-Lab	55.4492, 60.5240, 14.4811

Details

The XYZ color **48.9444, 30.7461, 22.7570** 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 **53.8327, 79.2823, 82.9930**, and the grayscale version is **27.2050, 28.6217, 31.1691**.

A 20% lighter version of the original color is **60.2424, 46.5675, 47.4083**, and **23.7362, 12.7380, 8.0451** is the 20% darker color. If you saturate the color by 10%, you get **45.8575, 26.4640, 15.8971**, and if you desaturate by 10%, it is **53.0542, 36.6379, 31.3036**.

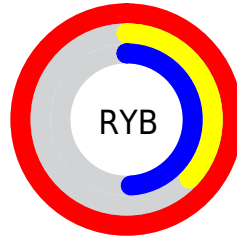
Distribution



Red (100%)

Green (37%)

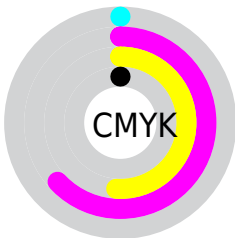
Blue (49%)



Red (100%)

Yellow (37%)

Blue (49%)

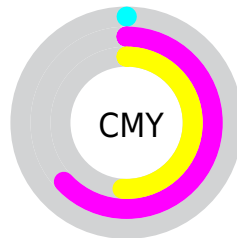


Cyan (0%)

Magenta (63%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9444, 30.7461, 22.7570 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 48.9444, 30.7461, 22.7570 by changing the saturation by 10% instead.


 48.9444, 30.7461,
22.7570


 48.9444, 30.7461,
22.7570


373.0440,
305.3669, 279.5558

 34.7897, 20.4056,
14.2106


 87.8101, 60.8401,
48.9121


 23.6667, 12.6902,
8.1268


 113.2518, 81.3624,
67.3579

 15.2100, 7.2156,
4.0873


 143.1866,
106.0474, 89.9406

 9.0541, 3.5973,
1.6734

 177.9798,
135.2795, 117.0786

 4.8339, 1.4509,
0.3424

217.9968,
169.4431, 149.1907

 2.1839, 0.2538,
0.0000

263.6029,

 0.7342, 0.0000,

208.9226, 186.6952

0.0000

315.1635,
254.1024, 230.0107

■ 0.0000, 0.0000,
0.0000

■ 48.9444, 30.7461,
22.7570

■ 48.9444, 30.7461,
22.7570

■ 45.8575, 26.4640,
15.8971

■ 53.0542, 36.6379,
31.3036

■ 43.6972, 23.6257,
10.6074

■ 58.2665, 44.2737,
41.6392

■ 42.3519, 22.0383,
6.7576

■ 64.6559, 53.7791,
53.8598

■ 41.7961, 21.4824,
4.8591

■ 72.2892, 65.2671,
68.0538

■ 81.2287, 78.8415,
84.3039

91.5320, 94.5988,
102.6883

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.



48.8230, 30.7461, 48.2918



48.9444, 30.7461, 22.7570



43.1012, 30.7461, 9.6677

Triad

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



48.9444, 30.7461, 22.7570



18.8740, 30.7461, 9.3761



24.9004, 30.7461, 105.5750

Complementary

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



48.9444, 30.7461, 22.7570



53.8327, 79.2823, 82.9930

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.



18.6986, 30.7461, 80.3724



48.9444, 30.7461, 22.7570



15.7277, 30.7461, 22.0523

Square

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



48.9444, 30.7461, 22.7570



25.1906, 30.7461, 5.0146



15.6708, 30.7461, 47.1253



33.6648, 30.7461, 106.1067

Rectangle

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



48.9444, 30.7461, 22.7570



37.1793, 30.7461, 5.9800



15.6708, 30.7461, 47.1253



22.4918, 30.7461, 99.3011

Sweetspot

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



48.9452, 30.7478, 22.7575



75.8227, 70.6194, 74.5168



52.4239, 30.8837, 97.8055



15.7007, 14.3145, 14.9843



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.



48.9452, 30.7478, 22.7575



45.1481, 25.5103, 14.2256



52.9794, 41.5057, 15.8111



18.1522, 18.0442, 19.4189



21.8798, 11.2412, 2.7517



2.1662, 1.1088, 0.4565

Inverse Universe

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



48.9452, 30.7478, 22.7575



45.1481, 25.5103, 14.2256



44.9079, 54.0819, 102.6794



18.1522, 18.0442, 19.4189



21.8798, 11.2412, 2.7517



2.1662, 1.1088, 0.4565

Previews

White Background



This preview shows how the XYZ color 48.9444, 30.7461, 22.7570 looks on a white background.

Color Contrast Check

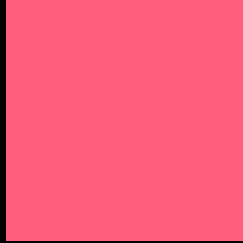
Large Text (above 18pt) WCAG AA × Fail

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 48.9444, 30.7461, 22.7570 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 48.9444, 30.7461, 22.7570

Background



This preview shows how black text looks on a background with the XYZ color 48.9444, 30.7461, 22.7570.



This preview shows how white text looks on a background with the XYZ color 48.9444, 30.7461,

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

48.9444, 30.7461, 22.7570

Protanopia

29.8760, 30.9181, 34.9650

Deuteranopia

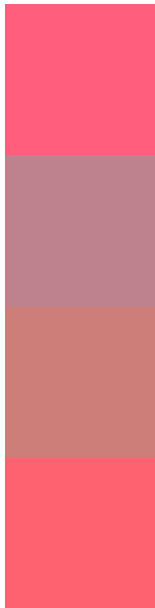
31.4677, 30.8823, 21.1320



Tritanopia

47.7394, 30.8057, 16.5266

Trichromacy



Original Color

48.9444, 30.7461, 22.7570

Protanomaly

34.1758, 28.8956, 29.7627

Deuteranomaly

36.0279, 29.2569, 21.5176

Tritanomaly

48.0724, 30.7901, 18.7386

Monochromacy



Original Color

48.9444, 30.7461, 22.7570

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

32.4265, 27.4528, 27.6346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9444, 30.7461, 22.7570 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 125) }
```

Border

The CSS property to change the border of an element to XYZ 48.9444, 30.7461, 22.7570 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, 125) }
```


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

```
.border{ border-color:rgb(255, 94, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 94, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 94, 125); box-shadow:4px 4px 4px 4px rgb(255, 94, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9444, 30.7461, 22.7570 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, 125) }
```

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

```
.background{ background-color: rgb(255, 94,  
125) }
```

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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