

Converting Colors

XYZ(49.7273, 30.7784, 27.7460)

Have a look what the booklet for
XYZ(49.7273, 30.7784, 27.7460)
contains.

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Color

**XYZ(49.7273, 30.7784,
27.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5C8B
RGB	255, 92, 139
RGB Percent	100%, 36%, 55%
CMY	0.0000, 0.6392, 0.4549
CMYK	0.00, 0.64, 0.45, 0.00
HSL	343°, 100%, 68%
HSV	343°, 64%, 100%
XYZ	49.7273, 30.7784, 27.7460
YIQ	146.0950, 82.0610, 49.1730

Conversions

Conversions Part 2

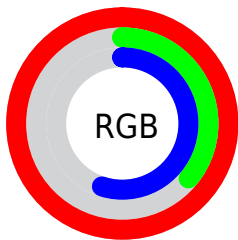
Format	Color
R _Y B	255, 92, 139
Decimal	16735371
CIE Lab	62.32, 65.31, 8.24
CIE LCh	62, 65.823, 7.189
Yxy	30.7784, 0.4594, 0.2843
Android (android.graphics.Color)	4294925451 (0xFFFF5C8B)
YUV	146.0950, -3.4978, 95.5097
Hunter-Lab	55.4783, 62.9094, 9.1825

Details

The XYZ color **49.7273, 30.7784, 27.7460** 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 **51.5608, 78.3501, 72.0860**, and the grayscale version is **27.3524, 28.7769, 31.3380**.

A 20% lighter version of the original color is **61.6608, 46.8785, 55.6677**, and **24.1019, 12.6715, 10.6267** is the 20% darker color. If you saturate the color by 10%, you get **46.6601, 26.5931, 20.7155**, and if you desaturate by 10%, it is **53.7593, 36.5411, 36.1847**.

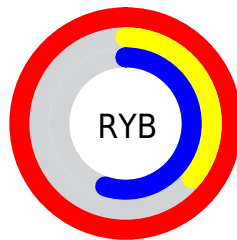
Distribution



Red (100%)

Green (36%)

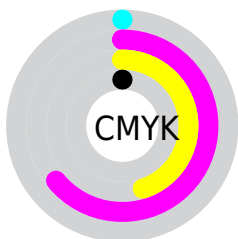
Blue (55%)



Red (100%)

Yellow (36%)

Blue (55%)

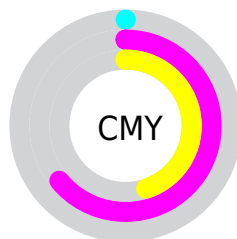


Cyan (0%)

Magenta (64%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (64%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.7273, 30.7784, 27.7460 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 49.7273, 30.7784, 27.7460 by changing the saturation by 10% instead.

 49.7273, 30.7784,
27.7460


 49.7273, 30.7784,
27.7460


376.0682,
305.5161, 305.1249


 35.4137, 20.4302,
17.8969


 88.9649, 60.8910,
57.0969

 24.1497, 12.7081,
10.7073

 114.6197, 81.4242,
77.4357

 15.5701, 7.2279,
5.7587


 144.7855,
106.1211, 102.1083

 9.3093, 3.6050,
2.6325

 179.8277,
135.3662, 131.5330

 5.0022, 1.4552,
0.9092

220.1118,
169.5439, 166.1285

 2.2833, 0.2569,
0.0000

266.0030,

 0.7861, 0.0000,

209.0385, 206.3133

0.0000

317.8667,
254.2344, 252.5059

■ 0.0000, 0.0000,
0.0000

■ 49.7273, 30.7784,
27.7460

■ 49.7273, 30.7784,
27.7460

■ 46.6601, 26.5931,
20.7155

■ 53.7593, 36.5411,
36.1847

■ 44.4665, 23.8198,
15.0083

■ 58.8309, 44.0147,
46.1056

■ 43.0400, 22.2650,
10.5312

■ 65.0122, 53.3241,
57.5790

■ 42.4596, 21.7478,
8.3535

■ 72.3663, 64.5810,
70.6701

■ 80.9513, 77.8882,
85.4403

90.8215, 93.3413,
101.9474

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.



48.0323, 30.7784, 56.3288



49.7273, 30.7784, 27.7460



45.1131, 30.7784, 11.7609

Triad

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



49.7273, 30.7784, 27.7460



20.0818, 30.7784, 7.6695



23.1087, 30.7784, 102.0249

Complementary

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



49.7273, 30.7784, 27.7460



51.5608, 78.3501, 72.0860

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.



17.6297, 30.7784, 72.7197



49.7273, 30.7784, 27.7460



16.1456, 30.7784, 17.8772

Square

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



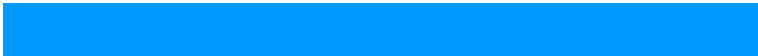
49.7273, 30.7784, 27.7460



27.1643, 30.7784, 4.6144



15.3491, 30.7784, 40.0271



31.4481, 30.7784, 109.4395

Rectangle

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



49.7273, 30.7784, 27.7460



39.5405, 30.7784, 6.8938



15.3491, 30.7784, 40.0271



20.9267, 30.7784, 93.8799

Sweetspot

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



49.7281, 30.7801, 27.7465



76.4310, 70.8627, 77.7201



47.3601, 28.0126, 97.5182



15.8455, 14.3724, 15.7469



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.



49.7281, 30.7801, 27.7465



45.8954, 25.5958, 18.8192



50.4561, 36.6010, 14.5329



18.2247, 18.0732, 19.8005



22.2417, 11.3860, 4.6572



2.2104, 1.1266, 0.6896

Inverse Universe

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



49.7281, 30.7801, 27.7465



45.8954, 25.5958, 18.8192



48.6927, 61.9520, 103.9989



18.2247, 18.0732, 19.8005



22.2417, 11.3860, 4.6572



2.2104, 1.1266, 0.6896

Previews

White Background



This preview shows how the XYZ color 49.7273, 30.7784, 27.7460 looks on a white background.

Color Contrast Check

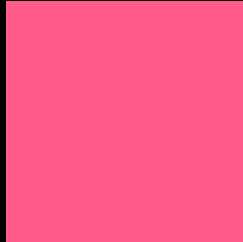
Large Text (above 18pt) WCAG AA × Fail

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 49.7273, 30.7784, 27.7460 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 49.7273, 30.7784, 27.7460

Background



This preview shows how black text looks on a background with the XYZ color 49.7273, 30.7784, 27.7460.



This preview shows how white text looks on a background with the XYZ color 49.7273, 30.7784,

27.7460.

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

49.7273, 30.7784, 27.7460

Protanopia

30.3854, 30.9943, 43.4107

Deuteranopia

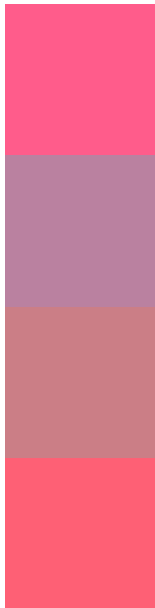
31.4557, 30.7737, 25.7548



Tritanopia

47.5197, 30.8262, 16.8101

Trichromacy



Original Color

49.7273, 30.7784, 27.7460

Protanomaly

34.4451, 28.6777, 36.9776

Deuteranomaly

36.3925, 29.3394, 26.2992

Tritanomaly

48.2668, 30.7209, 20.2154

Monochromacy



Original Color

49.7273, 30.7784, 27.7460

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

32.6685, 27.3440, 29.5427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7273, 30.7784, 27.7460 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, 92, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 139)  
}
```

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, 92, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 139) }
```

Border

The CSS property to change the border of an element to XYZ 49.7273, 30.7784, 27.7460 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, 92, 139) }
```


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

```
.border{ border-color:rgb(255, 92, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 92, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7273, 30.7784, 27.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 139) }
```

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

```
.background{ background-color: rgb(255, 92,  
139) }
```

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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