

Converting Colors

XYZ(48.0126, 29.9758, 28.0900)

Have a look what the booklet for
XYZ(48.0126, 29.9758, 28.0900)
contains.

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Color

**XYZ(48.0723, 30.0461,
28.0767)**

Conversions

Conversions Part 1

Format	Color
Hex	FA5D8C
RGB	250, 93, 140
RGB Percent	98%, 36%, 55%
CMY	0.0196, 0.6353, 0.4510
CMYK	0.00, 0.63, 0.44, 0.02
HSL	342°, 94%, 67%
HSV	342°, 63%, 98%
XYZ	48.0723, 30.0461, 28.0767
YIQ	145.3010, 78.4850, 47.9010

Conversions

Conversions Part 2

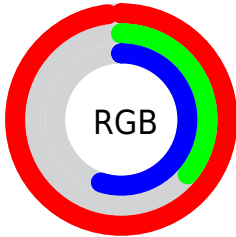
Format	Color
R _Y B	250, 93, 140
Decimal	16407948
CIE Lab	61.69, 63.48, 6.66
CIE LCh	62, 63.832, 5.985
Yxy	30.0461, 0.4527, 0.2829
Android (android.graphics.Color)	4294598028 (0xFFFA5D8C)
YUV	145.3010, -2.6134, 91.8210
Hunter-Lab	54.8143, 60.6199, 8.0008

Details

The XYZ color **48.0723, 30.0461, 28.0767** 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 **49.4812, 75.0109, 68.3758**, and the grayscale version is **27.0253, 28.4327, 30.9632**.

A 20% lighter version of the original color is **61.7720, 46.9229, 56.2534**, and **23.2237, 12.3409, 10.8309** is the 20% darker color. If you saturate the color by 10%, you get **45.0349, 25.8765, 21.1909**, and if you desaturate by 10%, it is **52.0339, 35.7350, 36.2854**.

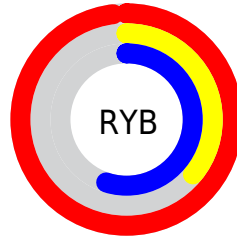
Distribution



Red (98%)

Green (36%)

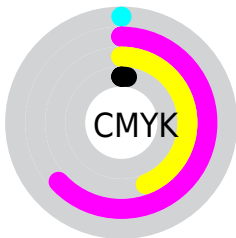
Blue (55%)



Red (98%)

Yellow (36%)

Blue (55%)

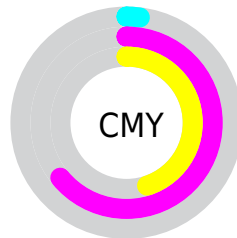


Cyan (0%)

Magenta (63%)

Yellow (44%)

Black (2%)



Cyan (2%)


Magenta (64%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0723, 30.0461, 28.0767 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 48.0723, 30.0461, 28.0767 by changing the saturation by 10% instead.


 48.0723, 30.0461,
28.0767


 48.0723, 30.0461,
28.0767


369.6565,
302.1193, 306.7567


 34.0956, 19.8736,
18.1439

 86.5211, 59.7351,
57.6314


 23.1303, 12.3032,
10.8829


 111.7239, 80.0203,
78.0905

 14.8110, 6.9505,
5.8749


 141.3995,
104.4453, 102.8954

 8.7723, 3.4312,
2.7016

 175.9132,
133.3943, 132.4647

 4.6489, 1.3608,
0.9442

215.6304,
167.2518, 167.2170

 2.0754, 0.1875,
0.0000

260.9165,

 0.6758, 0.0000,

206.4022, 207.5707

0.0000

312.1367,
251.2299, 253.9444

■ 0.0000, 0.0000,
0.0000

■ 48.0723, 30.0461,
28.0767

■ 48.0723, 30.0461,
28.0767

■ 45.0349, 25.8765,
21.1909

■ 52.0339, 35.7350,
36.2854

■ 42.8366, 23.0716,
15.5512

■ 56.9893, 43.0681,
45.8844

■ 41.3795, 21.4524,
11.0733

■ 63.0042, 52.1628,
56.9376

■ 40.6885, 20.8297,
8.5024

■ 70.1376, 63.1244,
69.5047

■ 78.4440, 76.0498,
83.6415

87.9745, 91.0293,
99.4012

93.2343, 99.0640,
108.8150

Harmonies

Analogous

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



46.2223, 30.0461, 55.6780



48.0723, 30.0461, 28.0767



43.9145, 30.0461, 12.2112

Triad

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



48.0723, 30.0461, 28.0767



19.9972, 30.0461, 7.5882



22.4143, 30.0461, 96.7277

Complementary

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



48.0723, 30.0461, 28.0767



49.4812, 75.0109, 68.3758

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.



17.2774, 30.0461, 68.6073



48.0723, 30.0461, 28.0767



16.0877, 30.0461, 17.1344

Square

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



48.0723, 30.0461, 28.0767



26.8887, 30.0461, 4.7632



15.2011, 30.0461, 37.8381



30.2948, 30.0461, 104.7541

Rectangle

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



48.0723, 30.0461, 28.0767



38.7017, 30.0461, 7.2452



15.2011, 30.0461, 37.8381



20.3622, 30.0461, 88.8088

Sweetspot

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



48.0731, 30.0477, 28.0772



76.5021, 70.8912, 78.0945



45.7725, 27.4153, 93.3215



15.8625, 14.3792, 15.8363



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.



48.0731, 30.0477, 28.0772



46.5103, 26.2790, 20.7089



48.6593, 35.6320, 14.6711



17.4584, 17.3107, 19.0037



21.6376, 11.0708, 4.8000



2.0486, 1.0432, 0.6794

Inverse Universe

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



48.0731, 30.0477, 28.0772



46.5103, 26.2790, 20.7089



46.9981, 59.6852, 99.4857



17.4584, 17.3107, 19.0037



21.6376, 11.0708, 4.8000



2.0486, 1.0432, 0.6794

Previews

White Background



This preview shows how the XYZ color 48.0723, 30.0461, 28.0767 looks on a white background.

Color Contrast Check

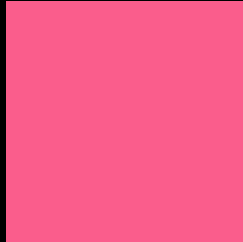
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.0723, 30.0461, 28.0767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

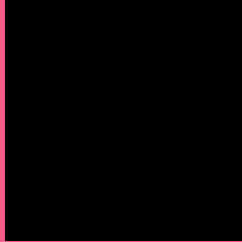
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0723, 30.0461, 28.0767

Background



This preview shows how black text looks on a background with the XYZ color 48.0723, 30.0461, 28.0767.



This preview shows how white text looks on a background with the XYZ color 48.0723, 30.0461,

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

48.0723, 30.0461, 28.0767

Protanopia

29.7134, 30.1781, 43.2886

Deuteranopia

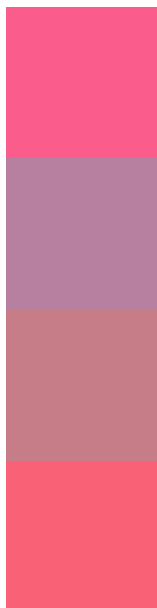
30.7157, 30.1585, 26.0321



Tritanopia

45.8701, 30.1114, 17.0301

Trichromacy



Original Color

48.0723, 30.0461, 28.0767

Protanomaly

33.5928, 28.0437, 36.9001

Deuteranomaly

35.2600, 28.5586, 26.5756

Tritanomaly

46.6116, 29.9971, 20.4729

Monochromacy



Original Color

48.0723, 30.0461, 28.0767

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

31.9472, 26.9722, 29.5089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0723, 30.0461, 28.0767 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(250, 93, 140)` looks like.

```
.text, #text, p{  
    color:rgb(250, 93, 140)  
}
```

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(250, 93, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 93, 140) }
```

Border

The CSS property to change the border of an element to XYZ 48.0723, 30.0461, 28.0767 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(250, 93, 140) }
```


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

```
.border{ border-color:rgb(250, 93, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 93, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 93, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 93, 140);  
box-shadow:4px 4px 4px 4px rgb(250, 93,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0723, 30.0461, 28.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 93, 140) }
```

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

```
.background{ background-color: rgb(250, 93,  
140) }
```

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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