

Converting Colors

XYZ(48.1525, 30.8489, 30.7070)

Have a look what the booklet for
XYZ(48.1525, 30.8489, 30.7070)
contains.

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Color

**XYZ(48.0079, 30.7732,
30.6036)**

Conversions

Conversions Part 1

Format	Color
Hex	F76392
RGB	247, 99, 146
RGB Percent	97%, 39%, 57%
CMY	0.0314, 0.6117, 0.4274
CMYK	0.00, 0.60, 0.41, 0.03
HSL	341°, 90%, 68%
HSV	341°, 60%, 97%
XYZ	48.0079, 30.7732, 30.6036
YIQ	148.6100, 73.1210, 45.9930

Conversions

Conversions Part 2

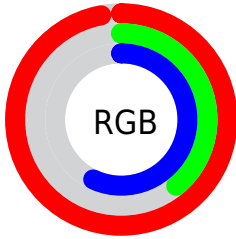
Format	Color
R _Y B	247, 99, 146
Decimal	16212882
CIE Lab	62.32, 60.63, 4.02
CIE LCh	62, 60.759, 3.792
Yxy	30.7732, 0.4389, 0.2813
Android (android.graphics.Color)	4294402962 (0xFFFF76392)
YUV	148.6100, -1.2867, 86.2880
Hunter-Lab	55.4736, 57.3985, 6.1225

Details

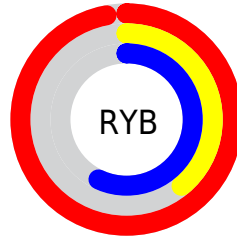
The XYZ color **48.0079, 30.7732, 30.6036** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **48.8336, 73.3451, 66.2318**, and the grayscale version is **28.3884, 29.8668, 32.5250**.

A 20% lighter version of the original color is **63.5538, 49.2071, 60.7918**, and **23.0541, 12.6699, 12.2968** is the 20% darker color. If you saturate the color by 10%, you get **44.7991, 26.3018, 23.5345**, and if you desaturate by 10%, it is **52.1270, 36.7558, 38.9306**.

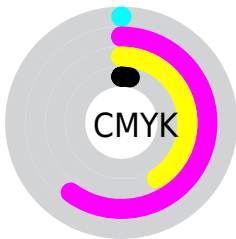
Distribution



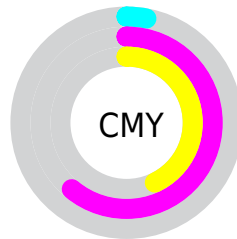
- Red (97%)
- Green (39%)
- Blue (57%)



- Red (97%)
- Yellow (39%)
- Blue (57%)



- Cyan (0%)
- Magenta (60%)
- Yellow (41%)
- Black (3%)




- Cyan (3%)
- Magenta (61%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0079, 30.7732, 30.6036 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 48.0079, 30.7732, 30.6036 by changing the saturation by 10% instead.


 48.0079, 30.7732,
30.6036


 48.0079, 30.7732,
30.6036


369.4055,
305.4921, 319.0024


 34.0444, 20.4262,
20.0413


 86.4258, 60.8828,
61.6877


 23.0908, 12.7052,
12.2407


 111.6109, 81.4142,
83.0465

 14.7816, 7.2259,
6.7833


 141.2673,
106.1093, 108.8412

 8.7516, 3.6038,
3.2505

 175.7603,
135.3523, 139.4904

 4.6353, 1.4545,
1.2239

215.4552,
169.5276, 175.4126

 2.0675, 0.2564,
0.0000

260.7175,

 0.6714, 0.0000,

209.0198, 217.0263

0.0000

311.9125,
254.2132, 264.7500

■ 0.0000, 0.0000,
0.0000

■ 48.0079, 30.7732,
30.6036

■ 48.0079, 30.7732,
30.6036

■ 44.7991, 26.3018,
23.5345

■ 52.1270, 36.7558,
38.9306

■ 42.4223, 23.1983,
17.6548

■ 57.2210, 44.3661,
48.5753

■ 40.7885, 21.2996,
12.8906

■ 63.3512, 53.7146,
59.5953

■ 39.7557, 20.3370,
9.1459

■ 70.5728, 64.9009,
72.0438

■ 39.7483, 20.3304,
9.1180

■ 78.9374, 78.0166,
85.9715

■ 88.4929, 93.1477,
101.4262

■ 92.1677, 98.5141,
108.7651

Harmonies

Analogous

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



45.8305, 30.7732, 57.7154



48.0079, 30.7732, 30.6036



44.4359, 30.7732, 14.1205

Triad

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



48.0079, 30.7732, 30.6036



21.3149, 30.7732, 8.2212



22.8137, 30.7732, 92.6774

Complementary

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



48.0079, 30.7732, 30.6036



48.8336, 73.3451, 66.2318

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.



17.9889, 30.7732, 65.4851



48.0079, 30.7732, 30.6036



17.2441, 30.7732, 17.2376

Square

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



48.0079, 30.7732, 30.6036



28.2169, 30.7732, 5.6053



16.1507, 30.7732, 36.5880



30.3060, 30.7732, 101.9372

Rectangle

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



48.0079, 30.7732, 30.6036



39.6058, 30.7732, 8.6575



16.1507, 30.7732, 36.5880



20.8762, 30.7732, 84.8583

Sweetspot

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



48.0087, 30.7748, 30.6041



77.4755, 72.2742, 80.1568



44.4528, 27.6017, 90.9802



16.0575, 14.6500, 16.2685



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.



48.0087, 30.7748, 30.6041



47.5278, 27.4211, 23.8010



47.7771, 35.0089, 16.0459



16.7159, 16.5692, 18.2506



21.0784, 10.7748, 5.1212



1.8973, 0.9649, 0.6856

Inverse Universe

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



48.0087, 30.7748, 30.6041



47.5278, 27.4211, 23.8010



48.1453, 61.7890, 97.3844



16.7159, 16.5692, 18.2506



21.0784, 10.7748, 5.1212



1.8973, 0.9649, 0.6856

Previews

White Background



This preview shows how the XYZ color 48.0079, 30.7732, 30.6036 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 48.0079, 30.7732, 30.6036 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 48.0079, 30.7732, 30.6036

Background



This preview shows how black text looks on a background with the XYZ color 48.0079, 30.7732, 30.6036.



This preview shows how white text looks on a background with the XYZ color 48.0079, 30.7732,

30.6036.

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

48.0079, 30.7732, 30.6036

Protanopia

30.5969, 31.0583, 45.4565

Deuteranopia

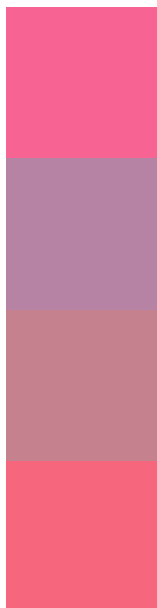
31.5166, 30.9679, 28.7424



Tritanopia

45.7909, 30.9128, 19.1761

Trichromacy



Original Color

48.0079, 30.7732, 30.6036

Protanomaly

34.4363, 29.0165, 39.3831

Deuteranomaly

36.0214, 29.6593, 29.4175

Tritanomaly

46.5580, 30.7740, 22.8881

Monochromacy



Original Color

48.0079, 30.7732, 30.6036

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

33.4692, 28.6850, 31.7897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0079, 30.7732, 30.6036 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(247, 99, 146)` looks like.

```
.text, #text, p{  
    color:rgb(247, 99, 146)  
}
```

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(247, 99, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 99, 146) }
```

Border

The CSS property to change the border of an element to XYZ 48.0079, 30.7732, 30.6036 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(247, 99, 146) }
```


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

```
.border{ border-color:rgb(247, 99, 146) }
```

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

Here you see how a box with a 4 pixel rgb(247, 99, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 99, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 99, 146);  
box-shadow:4px 4px 4px 4px rgb(247, 99,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0079, 30.7732, 30.6036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 99, 146) }
```

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

```
.background{ background-color: rgb(247, 99,  
146) }
```

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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