

Converting Colors

XYZ(48.6233, 30.7255, 26.9324)

Have a look what the booklet for
XYZ(48.6233, 30.7255, 26.9324)
contains.

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Color

**XYZ(48.8431, 30.8673,
27.0506)**

Conversions

Conversions Part 1

Format	Color
Hex	FC6089
RGB	252, 96, 137
RGB Percent	99%, 38%, 54%
CMY	0.0118, 0.6235, 0.4627
CMYK	0.00, 0.62, 0.46, 0.01
HSL	344°, 96%, 68%
HSV	344°, 62%, 99%
XYZ	48.8431, 30.8673, 27.0506
YIQ	147.3180, 79.8150, 45.8230

Conversions

Conversions Part 2

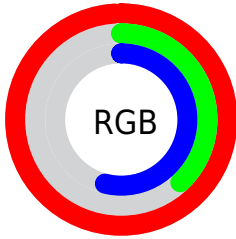
Format	Color
R _Y B	252, 96, 137
Decimal	16539785
CIE Lab	62.40, 62.58, 9.44
CIE LCh	62, 63.286, 8.574
Yxy	30.8673, 0.4575, 0.2891
Android (android.graphics.Color)	4294729865 (0xFFFC6089)
YUV	147.3180, -5.0868, 91.8061
Hunter-Lab	55.5583, 59.6979, 10.0234

Details

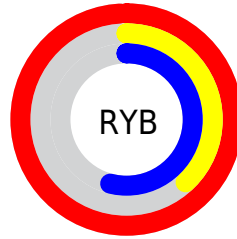
The XYZ color **48.8431, 30.8673, 27.0506** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **51.3941, 76.8115, 73.7507**, and the grayscale version is **27.8633, 29.3144, 31.9234**.

A 20% lighter version of the original color is **61.9255, 47.7602, 54.6700**, and **23.4994, 12.7230, 10.2341** is the 20% darker color. If you saturate the color by 10%, you get **45.6811, 26.4957, 19.9781**, and if you desaturate by 10%, it is **52.9727, 36.8071, 35.5782**.

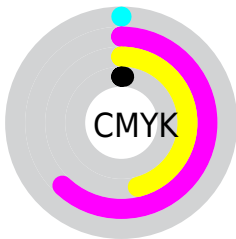
Distribution



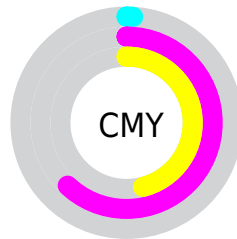
- Red (99%)
- Green (38%)
- Blue (54%)



- Red (99%)
- Yellow (38%)
- Blue (54%)



- Cyan (0%)
- Magenta (62%)
- Yellow (46%)
- Black (1%)




- Cyan (1%)
- Magenta (62%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8431, 30.8673, 27.0506 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 48.8431, 30.8673, 27.0506 by changing the saturation by 10% instead.


 48.8431, 30.8673,
27.0506


 48.8431, 30.8673,
27.0506


372.6515,
305.9265, 301.6700


 34.7091, 20.4978,
17.3785


 87.6605, 61.0311,
55.9698

 23.6043, 12.7574,
10.3399


 113.0746, 81.5942,
76.0539

 15.1635, 7.2617,
5.5163


 142.9794,
106.3239, 100.4457

 9.0213, 3.6263,
2.4893

 177.7402,
135.6048, 129.5639

 4.8123, 1.4668,
0.8345

217.7225,
169.8210, 163.8268

 2.1712, 0.2652,
0.0000

263.2916,

 0.7275, 0.0000,

209.3572, 203.6531

0.0000

314.8128,
254.5975, 249.4613

■ 0.0000, 0.0000,
0.0000

■ 48.8431, 30.8673,
27.0506

■ 48.8431, 30.8673,
27.0506

■ 45.6811, 26.4957,
19.9781

■ 52.9727, 36.8071,
35.5782

■ 43.3993, 23.5361,
14.2728

■ 58.1421, 44.4416,
45.6381

■ 41.8975, 21.8084,
9.8384

■ 64.4190, 53.8903,
57.3034

■ 41.1347, 21.0914,
7.0915

■ 71.8648, 65.2601,
70.6422

■ 80.5360, 78.6497,
85.7182

90.4855, 94.1512,
102.5919

93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



47.5140, 30.8673, 53.9719



48.8431, 30.8673, 27.0506



44.2046, 30.8673, 11.9305

Triad

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



48.8431, 30.8673, 27.0506



20.2137, 30.8673, 8.5630



23.7195, 30.8673, 99.4928

Complementary

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



48.8431, 30.8673, 27.0506



51.3941, 76.8115, 73.7507

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.



18.2461, 30.8673, 72.4755



48.8431, 30.8673, 27.0506



16.5134, 30.8673, 19.1455

Square

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



48.8431, 30.8673, 27.0506



26.9488, 30.8673, 5.2051



15.8709, 30.8673, 41.1506



31.8654, 30.8673, 105.2383

Rectangle

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



48.8431, 30.8673, 27.0506



38.7996, 30.8673, 7.2765



15.8709, 30.8673, 41.1506



21.5558, 30.8673, 92.1319

Sweetspot

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



48.8439, 30.8690, 27.0511



76.2673, 70.7972, 76.8580



48.4474, 29.1564, 95.1695



15.8065, 14.3568, 15.5413



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.



48.8439, 30.8690, 27.0511



46.3516, 26.4499, 19.1509



50.5631, 38.1532, 15.7679



17.4318, 17.3001, 18.8638



21.4788, 11.0072, 3.9637



2.0309, 1.0361, 0.5864

Inverse Universe

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



48.8439, 30.8690, 27.0511



46.3516, 26.4499, 19.1509



46.8495, 58.4236, 100.9029



17.4318, 17.3001, 18.8638



21.4788, 11.0072, 3.9637



2.0309, 1.0361, 0.5864

Previews

White Background



This preview shows how the XYZ color 48.8431, 30.8673, 27.0506 looks on a white background.

Color Contrast Check

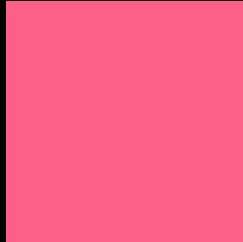
Large Text (above 18pt) WCAG AA × Fail

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 48.8431, 30.8673, 27.0506 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 48.8431, 30.8673, 27.0506

Background



This preview shows how black text looks on a background with the XYZ color 48.8431, 30.8673, 27.0506.



This preview shows how white text looks on a background with the XYZ color 48.8431, 30.8673,

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

48.8431, 30.8673, 27.0506

Protanopia

30.2758, 30.9923, 40.9456

Deuteranopia

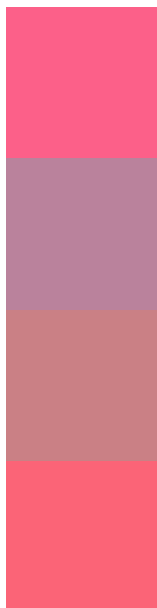
31.5417, 31.0537, 25.4506



Tritanopia

46.8825, 30.9094, 17.6825

Trichromacy



Original Color

48.8431, 30.8673, 27.0506

Protanomaly

34.2331, 28.8047, 35.2081

Deuteranomaly

36.3099, 29.6884, 26.0070

Tritanomaly

47.6706, 30.9555, 20.9152

Monochromacy



Original Color

48.8431, 30.8673, 27.0506

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

32.6847, 27.7358, 29.6175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8431, 30.8673, 27.0506 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(252, 96, 137)` looks like.

```
.text, #text, p{  
    color:rgb(252, 96, 137)  
}
```

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(252, 96, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 96, 137) }
```

Border

The CSS property to change the border of an element to XYZ 48.8431, 30.8673, 27.0506 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(252, 96, 137) }
```


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

```
.border{ border-color:rgb(252, 96, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 96, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 96, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 96, 137);  
box-shadow:4px 4px 4px 4px rgb(252, 96,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8431, 30.8673, 27.0506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 96, 137) }
```

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

```
.background{ background-color: rgb(252, 96,  
137) }
```

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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