

Converting Colors

XYZ(47.0817, 31.0263, 30.5851)

Have a look what the booklet for
XYZ(47.0817, 31.0263, 30.5851)
contains.

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Color

**XYZ(47.1008, 31.0306,
30.7012)**

Conversions

Conversions Part 1

Format	Color
Hex	F36892
RGB	243, 104, 146
RGB Percent	95%, 41%, 57%
CMY	0.0471, 0.5921, 0.4274
CMYK	0.00, 0.57, 0.40, 0.05
HSL	342°, 85%, 68%
HSV	342°, 57%, 95%
XYZ	47.1008, 31.0306, 30.7012
YIQ	150.3490, 69.3620, 42.5300

Conversions

Conversions Part 2

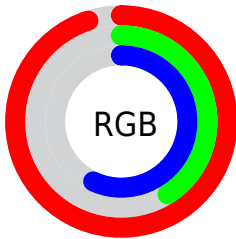
Format	Color
R _Y B	243, 104, 146
Decimal	15952018
CIE Lab	62.53, 57.16, 4.25
CIE LCh	63, 57.322, 4.256
Yxy	31.0306, 0.4328, 0.2851
Android (android.graphics.Color)	4294142098 (0xFFFF36892)
YUV	150.3490, -2.1441, 81.2549
Hunter-Lab	55.7051, 53.4446, 6.3166

Details

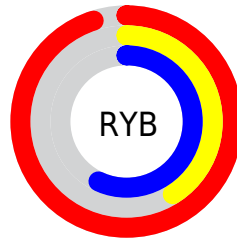
The XYZ color **47.1008, 31.0306, 30.7012** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **48.3039, 71.2621, 66.4717**, and the grayscale version is **29.1269, 30.6438, 33.3711**.

A 20% lighter version of the original color is **64.2361, 50.5717, 61.0193**, and **22.6168, 12.8658, 12.3576** is the 20% darker color. If you saturate the color by 10%, you get **43.7748, 26.3354, 23.5597**, and if you desaturate by 10%, it is **51.3287, 37.2163, 39.1093**.

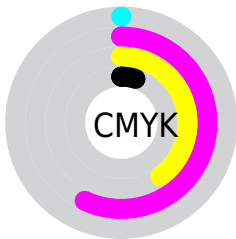
Distribution



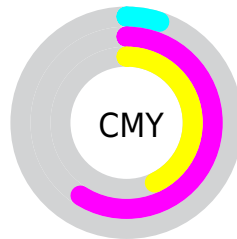
- Red (95%)
- Green (41%)
- Blue (57%)



- Red (95%)
- Yellow (41%)
- Blue (57%)



- Cyan (0%)
- Magenta (57%)
- Yellow (40%)
- Black (5%)





- Cyan (5%)
- Magenta (59%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1008, 31.0306, 30.7012 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 47.1008, 31.0306, 30.7012 by changing the saturation by 10% instead.


 47.1008, 31.0306,
30.7012


 47.1008, 31.0306,
30.7012


365.8589,
306.6793, 319.4678


 33.3236, 20.6222,
20.1149


 85.0819, 61.2882,
61.8434


 22.5349, 12.8481,
12.2937


 110.0165, 81.9062,
83.2363

 14.3693, 7.3240,
6.8190


 139.4010,
106.6962, 109.0685

 8.4614, 3.6656,
3.2725

 173.6007,
136.0425, 139.7586

 4.4458, 1.4883,
1.2354

212.9810,
170.3296, 175.7250

 1.9573, 0.2805,
0.0079

257.9073,

 0.6098, 0.0000,

209.9418, 217.3863

0.0000

308.7448,
255.2636, 265.1611

■ 0.0000, 0.0000,
0.0000

■ 47.1008, 31.0306,
30.7012

■ 47.1008, 31.0306,
30.7012

■ 43.7748, 26.3354,
23.5597

■ 51.3287, 37.2163,
39.1093

■ 41.2771, 22.9977,
17.6173

■ 56.5191, 45.0009,
48.8431

■ 39.5263, 20.8688,
12.8013

■ 62.7299, 54.4881,
59.9598

■ 38.4172, 19.7549,
9.0275

■ 70.0137, 65.7715,
72.5125

■ 38.1786, 19.5413,
8.1356

■ 78.4194, 78.9379,
86.5512

87.9927, 94.0684,
102.1238

90.7722, 97.7947,
108.6998

Harmonies

Analogous

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



45.1530, 31.0306, 56.0622



47.1008, 31.0306, 30.7012



43.6918, 31.0306, 14.9314

Triad

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



47.1008, 31.0306, 30.7012



21.8380, 31.0306, 9.2828



23.4527, 31.0306, 89.0512

Complementary

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



47.1008, 31.0306, 30.7012



48.3039, 71.2621, 66.4717

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.



18.7621, 31.0306, 64.1546



47.1008, 31.0306, 30.7012



17.9515, 31.0306, 18.3661

Square

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



47.1008, 31.0306, 30.7012



28.3955, 31.0306, 6.5183



16.9330, 31.0306, 37.0730



30.6198, 31.0306, 97.1878

Rectangle

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



47.1008, 31.0306, 30.7012



39.1406, 31.0306, 9.5554



16.9330, 31.0306, 37.0730



21.5784, 31.0306, 81.9528

Sweetspot

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



47.1016, 31.0322, 30.7018



78.2522, 73.5946, 81.1343



44.6782, 28.5134, 87.9429



16.3768, 15.1726, 16.7330



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.



47.1016, 31.0322, 30.7018



48.2188, 28.5309, 24.8704



47.3762, 35.8842, 17.5281



16.7052, 16.5649, 18.1941



21.0059, 10.7458, 4.7393



1.8899, 0.9619, 0.6464

Inverse Universe

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



47.1016, 31.0322, 30.7018



48.2188, 28.5309, 24.8704



46.8341, 59.3078, 93.7732



16.7052, 16.5649, 18.1941



21.0059, 10.7458, 4.7393



1.8899, 0.9619, 0.6464

Previews

White Background



This preview shows how the XYZ color 47.1008, 31.0306, 30.7012 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 47.1008, 31.0306, 30.7012 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 47.1008, 31.0306, 30.7012

Background



This preview shows how black text looks on a background with the XYZ color 47.1008, 31.0306, 30.7012.



This preview shows how white text looks on a background with the XYZ color 47.1008, 31.0306,

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

47.1008, 31.0306, 30.7012

Protanopia

30.6619, 31.1257, 43.9270

Deuteranopia

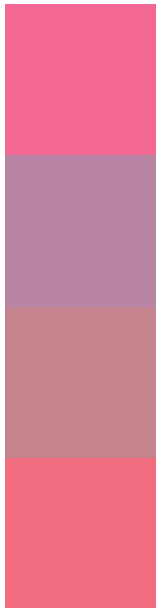
31.7337, 31.0798, 28.7525



Tritanopia

45.0624, 31.1370, 20.4646

Trichromacy



Original Color

47.1008, 31.0306, 30.7012

Protanomaly

34.5268, 29.4867, 38.5221

Deuteranomaly

36.0247, 30.0559, 29.4938

Tritanomaly

45.8768, 31.1609, 24.0188

Monochromacy



Original Color

47.1008, 31.0306, 30.7012

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

33.5795, 29.1353, 32.2876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1008, 31.0306, 30.7012 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(243, 104, 146)` looks like.

```
.text, #text, p{  
    color:rgb(243, 104, 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(243, 104, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 104, 146) }
```

Border

The CSS property to change the border of an element to XYZ 47.1008, 31.0306, 30.7012 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(243, 104, 146) }
```


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

```
.border{ border-color:rgb(243, 104, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 104, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 104, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 104, 146);  
box-shadow:4px 4px 4px 4px rgb(243, 104,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1008, 31.0306, 30.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 104, 146) }
```

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

```
.background{ background-color: rgb(243,  
104, 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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