

Converting Colors

XYZ(47.4005, 31.5970, 18.9298)

Have a look what the booklet for
XYZ(47.4005, 31.5970, 18.9298)
contains.

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Color

**XYZ(47.4005, 31.5970,
18.9298)**

Conversions

Conversions Part 1

Format	Color
Hex	FA6970
RGB	250, 105, 112
RGB Percent	98%, 41%, 44%
CMY	0.0196, 0.5882, 0.5608
CMYK	0.00, 0.58, 0.55, 0.02
HSL	357°, 94%, 70%
HSV	357°, 58%, 98%
XYZ	47.4005, 31.5970, 18.9298
YIQ	149.1530, 84.1730, 32.9170

Conversions

Conversions Part 2

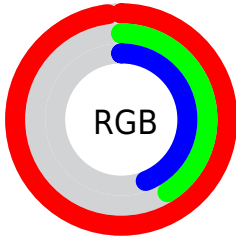
Format	Color
R _Y B	250, 105, 112
Decimal	16410992
CIE Lab	63.01, 55.95, 24.60
CIE LCh	63, 61.122, 23.730
Yxy	31.5970, 0.4840, 0.3227
Android (android.graphics.Color)	4294601072 (0xFFFA6970)
YUV	149.1530, -18.3164, 88.4428
Hunter-Lab	56.2112, 52.1518, 19.3812

Details

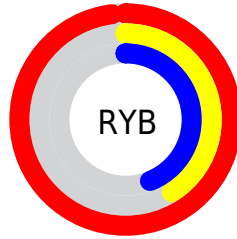
The XYZ color **47.4005, 31.5970, 18.9298** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **56.1909, 77.8461, 96.8641**, and the grayscale version is **28.6826, 30.1763, 32.8620**.

A 20% lighter version of the original color is **60.6857, 49.4301, 41.4644**, and **22.7214, 13.1754, 6.1961** is the 20% darker color. If you saturate the color by 10%, you get **44.0634, 26.7705, 12.1223**, and if you desaturate by 10%, it is **51.8373, 38.0633, 27.8312**.

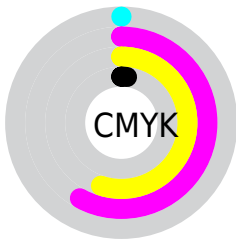
Distribution



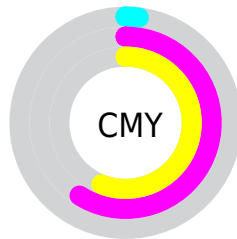
- Red (98%)
- Green (41%)
- Blue (44%)



- Red (98%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (58%)
- Yellow (55%)
- Black (2%)




- Cyan (2%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4005, 31.5970, 18.9298 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 47.4005, 31.5970, 18.9298 by changing the saturation by 10% instead.


 47.4005, 31.5970,
18.9298


 47.4005, 31.5970,
18.9298


367.0332,
309.2793, 258.4707

 33.5617, 21.0539,
11.4433


 85.5262, 62.1788,
42.4506


 22.7183, 13.1634,
6.2479


 110.5439, 82.9862,
59.3219

 14.5052, 7.5412,
2.9252


 140.0184,
107.9839, 80.1585

 8.5569, 3.8028,
1.0566

 174.3153,
137.5561, 105.3790

 4.5081, 1.5639,
0.0000

213.7999,
172.0874, 135.4020

 1.9934, 0.3330,
0.0000

258.8375,

 0.6303, 0.0000,

211.9621, 170.6459

0.0000

309.7934,
257.5646, 211.5293

■ 0.0000, 0.0000,
0.0000

■ 47.4005, 31.5970,
18.9298

■ 47.4005, 31.5970,
18.9298

■ 44.0634, 26.7705,
12.1223

■ 51.8373, 38.0633,
27.8312

■ 41.7279, 23.4320,
7.2357

■ 57.4562, 46.2932,
38.9770

■ 40.2822, 21.4103,
4.0725

■ 64.3344, 56.4049,
52.5060

■ 39.5783, 20.4725,
2.3887

■ 72.5418, 68.5044,
68.5452

■ 39.4908, 20.3506,
2.1963

■ 82.1433, 82.6903,
87.2125

93.1966, 99.0489,
108.6176

93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



49.1437, 31.5970, 39.7134



47.4005, 31.5970, 18.9298



40.6498, 31.5970, 8.9447

Triad

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



47.4005, 31.5970, 18.9298



18.7904, 31.5970, 13.6358



28.3004, 31.5970, 104.0210

Complementary

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



47.4005, 31.5970, 18.9298



56.1909, 77.8461, 96.8641

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.



21.4456, 31.5970, 86.8766



47.4005, 31.5970, 18.9298



16.6555, 31.5970, 29.5898

Square

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



47.4005, 31.5970, 18.9298



23.9833, 31.5970, 7.0386



17.5279, 31.5970, 56.6080



37.0207, 31.5970, 96.5971

Rectangle

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



47.4005, 31.5970, 18.9298



34.7939, 31.5970, 6.3470



17.5279, 31.5970, 56.6080



25.7257, 31.5970, 100.7570

Sweetspot

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



47.4013, 31.5987, 18.9303



76.8006, 73.0140, 73.4900



59.1836, 36.0173, 94.2746



16.0382, 15.0371, 14.9497



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.



47.4013, 31.5987, 18.9303



45.5030, 27.1556, 11.4601



56.3969, 50.1890, 20.0820



17.2785, 17.2388, 18.0565



20.9618, 10.8004, 1.2412



1.9530, 1.0049, 0.1758

Inverse Universe

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



47.4013, 31.5987, 18.9303



45.5030, 27.1556, 11.4601



40.3794, 44.5008, 96.9032



17.2785, 17.2388, 18.0565



20.9618, 10.8004, 1.2412



1.9530, 1.0049, 0.1758

Previews

White Background



This preview shows how the XYZ color 47.4005, 31.5970, 18.9298 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 47.4005, 31.5970, 18.9298 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 47.4005, 31.5970, 18.9298

Background



This preview shows how black text looks on a background with the XYZ color 47.4005, 31.5970, 18.9298.



This preview shows how white text looks on a background with the XYZ color 47.4005, 31.5970,

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

47.4005, 31.5970, 18.9298

Protanopia

30.0285, 31.6513, 27.0809

Deuteranopia

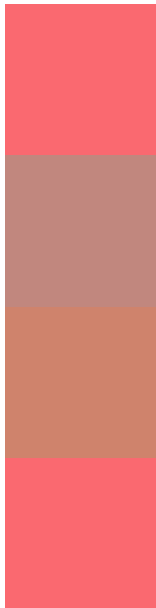
32.3571, 31.6450, 17.7673



Tritanopia

47.4005, 31.5970, 18.9298

Trichromacy



Original Color

47.4005, 31.5970, 18.9298

Protanomaly

34.4222, 30.1718, 23.7481

Deuteranomaly

36.5552, 30.5807, 18.1634

Tritanomaly

47.4005, 31.5970, 18.9298

Monochromacy



Original Color

47.4005, 31.5970, 18.9298

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

33.0812, 28.9917, 27.1449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4005, 31.5970, 18.9298 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, 105, 112)` looks like.

```
.text, #text, p{  
    color:rgb(250, 105, 112)  
}
```

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, 105, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 105, 112) }
```

Border

The CSS property to change the border of an element to XYZ 47.4005, 31.5970, 18.9298 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, 105, 112) }
```


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

```
.border{ border-color:rgb(250, 105, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 105, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 105, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 105, 112); box-shadow:4px 4px 4px 4px rgb(250, 105, 112) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4005, 31.5970, 18.9298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 105, 112) }
```

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

```
.background{ background-color: rgb(250,  
105, 112) }
```

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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