

Converting Colors

XYZ(48.1742, 31.8882, 16.5233)

Have a look what the booklet for
XYZ(48.1742, 31.8882, 16.5233)
contains.

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Color

**XYZ(48.2715, 31.9507,
16.4549)**

Conversions

Conversions Part 1

Format	Color
Hex	FE6867
RGB	254, 104, 103
RGB Percent	100%, 41%, 40%
CMY	0.0039, 0.5921, 0.5961
CMYK	0.00, 0.59, 0.59, 0.00
HSL	0°, 99%, 70%
HSV	0°, 59%, 100%
XYZ	48.2715, 31.9507, 16.4549
YIQ	148.7360, 89.7210, 31.4890

Conversions

Conversions Part 2

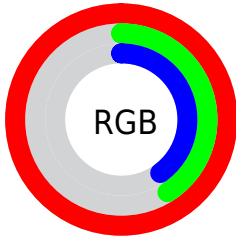
Format	Color
R_{YB}	254, 104, 103
Decimal	16672871
CIE Lab	63.30, 57.10, 30.20
CIE LCh	63, 64.595, 27.871
Yxy	31.9507, 0.4993, 0.3305
Android (android.graphics.Color)	4294862951 (0xFFFE6867)
YUV	148.7360, -22.5478, 92.3165
Hunter-Lab	56.5250, 53.5178, 22.3076

Details

The XYZ color **48.2715, 31.9507, 16.4549** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **58.6054, 80.2843, 106.1729**, and the grayscale version is **28.5227, 30.0081, 32.6788**.

A 20% lighter version of the original color is **59.6435, 48.7347, 36.8350**, and **23.1767, 13.3159, 5.0901** is the 20% darker color. If you saturate the color by 10%, you get **45.0137, 27.1752, 10.0058**, and if you desaturate by 10%, it is **52.6774, 38.4035, 25.1969**.

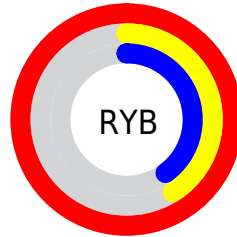
Distribution



Red (100%)

Green (41%)

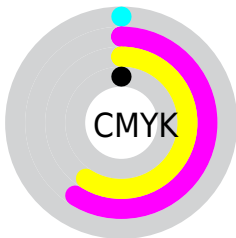
Blue (40%)



Red (100%)

Yellow (41%)

Blue (40%)

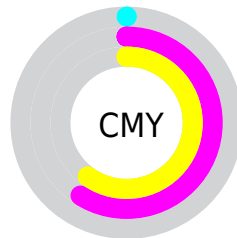


Cyan (0%)

Magenta (59%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (59%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2715, 31.9507, 16.4549 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 48.2715, 31.9507, 16.4549 by changing the saturation by 10% instead.


 48.2715, 31.9507,
16.4549


 48.2715, 31.9507,
16.4549


370.4320,
310.8946, 243.9479


 34.2541, 21.3238,
9.6888


 86.8158, 62.7338,
38.1639


 23.2527, 13.3609,
5.0902


 112.0733, 83.6588,
53.9438

 14.9019, 7.6776,
2.2406


 141.8083,
108.7854, 73.5654

 8.8364, 3.8893,
0.6977

 176.3860,
138.4978, 97.4473

 4.6909, 1.6118,
0.0000

216.1719,
173.1806, 126.0079

 2.1000, 0.3656,
0.0000

261.5313,

 0.6892, 0.0000,

213.2180, 159.6659

0.0000

312.8296,
258.9946, 198.8397

■ 0.0000, 0.0000,
0.0000

■ 48.2715, 31.9507,
16.4549

■ 48.2715, 31.9507,
16.4549

■ 45.0137, 27.1752,
10.0058

■ 52.6774, 38.4035,
25.1969

■ 42.7954, 23.9170,
5.6335

■ 58.3223, 46.6638,
36.4180

■ 41.4912, 21.9946,
3.0834

■ 65.2906, 56.8551,
50.2873

■ 40.9140, 21.1408,
1.9644

■ 73.6588, 69.0886,
66.9584

■ 40.8912, 21.1075,
1.9190

■ 83.4974, 83.4671,
86.5734

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



51.0261, 31.9507, 36.6529



48.2715, 31.9507, 16.4549



40.4753, 31.9507, 7.5113

Triad

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



48.2715, 31.9507, 16.4549



17.9972, 31.9507, 14.6031



29.7331, 31.9507, 110.9839

Complementary

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



48.2715, 31.9507, 16.4549



58.6054, 80.2843, 106.1729

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.



22.1014, 31.9507, 95.4776



48.2715, 31.9507, 16.4549



16.2081, 31.9507, 32.9892

Square

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



48.2715, 31.9507, 16.4549



23.0099, 31.9507, 6.8712



17.5497, 31.9507, 63.3042



39.1485, 31.9507, 99.1133

Rectangle

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



48.2715, 31.9507, 16.4549



34.1311, 31.9507, 5.4207



17.5497, 31.9507, 63.3042



26.8925, 31.9507, 108.6884

Sweetspot

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



48.2723, 31.9525, 16.4554



75.6613, 71.6690, 70.2323



63.6124, 37.9271, 97.7333



15.6232, 14.5049, 13.8938



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.



48.2723, 31.9525, 16.4554



45.0012, 26.8075, 9.2723



59.3411, 54.0902, 20.1451



18.0191, 18.0065, 18.6702



21.5626, 11.1365, 1.0131



2.1027, 1.0909, 0.0997

Inverse Universe

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



58.6054, 80.2843, 106.1729



56.2458, 79.4250, 106.9738



39.5030, 42.0795, 99.8055



18.5439, 20.4594, 23.2216



27.8391, 40.5878, 55.8015



2.7138, 3.9584, 5.4343

Previews

White Background



This preview shows how the XYZ color 48.2715, 31.9507, 16.4549 looks on a white background.

Color Contrast Check

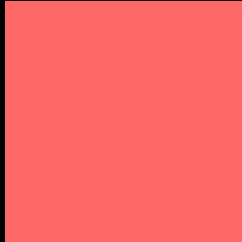
Large Text (above 18pt) WCAG AA × Fail

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 48.2715, 31.9507, 16.4549 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 48.2715, 31.9507, 16.4549

Background



This preview shows how black text looks on a background with the XYZ color 48.2715, 31.9507, 16.4549.



This preview shows how white text looks on a background with the XYZ color 48.2715, 31.9507,

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

48.2715, 31.9507, 16.4549

Protanopia

30.1336, 32.0242, 23.6619

Deuteranopia

32.7947, 32.1511, 15.5436



Tritanopia

48.5378, 31.8971, 18.3504

Trichromacy



Original Color

48.2715, 31.9507, 16.4549

Protanomaly

34.5813, 30.3247, 20.5536

Deuteranomaly

37.2324, 30.9823, 15.8222

Tritanomaly

48.3771, 31.8329, 17.5045

Monochromacy



Original Color

48.2715, 31.9507, 16.4549

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

33.0459, 29.0058, 25.6868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2715, 31.9507, 16.4549 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(254, 104, 103)` looks like.

```
.text, #text, p{  
    color:rgb(254, 104, 103)  
}
```

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(254, 104, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 104, 103) }
```

Border

The CSS property to change the border of an element to XYZ 48.2715, 31.9507, 16.4549 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(254, 104, 103) }
```


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

```
.border{ border-color:rgb(254, 104, 103) }
```

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

Here you see how a box with a 4 pixel rgb(254, 104, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 104, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 104, 103);  
box-shadow:4px 4px 4px 4px rgb(254, 104,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2715, 31.9507, 16.4549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 104, 103) }
```

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

```
.background{ background-color: rgb(254,  
104, 103) }
```

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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