

Converting Colors

XYZ(48.4290, 31.9552, 17.4499)

Have a look what the booklet for
XYZ(48.4290, 31.9552, 17.4499)
contains.

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Color

**XYZ(48.4772, 32.0330,
17.5379)**

Conversions

Conversions Part 1

Format	Color
Hex	FE686B
RGB	254, 104, 107
RGB Percent	100%, 41%, 42%
CMY	0.0039, 0.5921, 0.5804
CMYK	0.00, 0.59, 0.58, 0.00
HSL	359°, 99%, 70%
HSV	359°, 59%, 100%
XYZ	48.4772, 32.0330, 17.5379
YIQ	149.1920, 88.4370, 32.7330

Conversions

Conversions Part 2

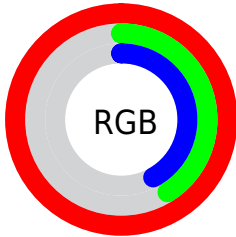
Format	Color
RYB	254, 104, 107
Decimal	16672875
CIELab	63.37, 57.37, 28.03
CIELCh	63, 63.854, 26.035
Yxy	32.0330, 0.4944, 0.3267
Android (android.graphics.Color)	4294862955 (0xFFFE686B)
YUV	149.1920, -20.8007, 91.9166
Hunter-Lab	56.5977, 53.8433, 21.2462

Details

The XYZ color **48.4772, 32.0330, 17.5379** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **58.5654, 80.7924, 103.7809**, and the grayscale version is **28.7079, 30.2030, 32.8911**.

A 20% lighter version of the original color is **59.9824, 48.8702, 38.6192**, and **23.2785, 13.3566, 5.6261** is the 20% darker color. If you saturate the color by 10%, you get **45.1678, 27.2173, 10.8770**, and if you desaturate by 10%, it is **52.9347, 38.5423, 26.4413**.

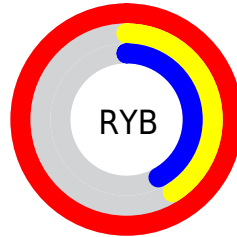
Distribution



Red (100%)

Green (41%)

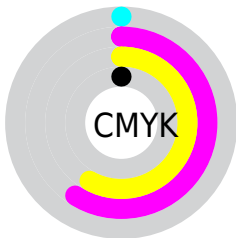
Blue (42%)



Red (100%)

Yellow (41%)

Blue (42%)

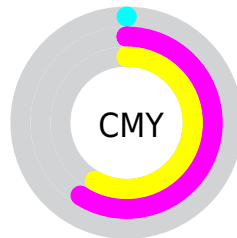


Cyan (0%)

Magenta (59%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (59%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4772, 32.0330, 17.5379 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 48.4772, 32.0330, 17.5379 by changing the saturation by 10% instead.


 48.4772, 32.0330,
17.5379


 48.4772, 32.0330,
17.5379


371.2317,
311.2696, 250.4014


 34.4178, 21.3867,
10.4527


 87.1199, 62.8628,
40.0516


 23.3791, 13.4070,
5.5906


 112.4339, 83.8151,
56.3172

 14.9959, 7.7094,
2.5331


 142.2300,
108.9716, 76.4800

 8.9028, 3.9096,
0.8576

 176.8738,
138.7165, 100.9586

 4.7345, 1.6231,
0.0000

216.7305,
173.4344, 130.1715

 2.1255, 0.3731,
0.0000

262.1655,

 0.7030, 0.0000,

213.5096, 164.5372

0.0000

313.5441,
259.3265, 204.4743

■ 0.0000, 0.0000,
0.0000

■ 48.4772, 32.0330,
17.5379

■ 48.4772, 32.0330,
17.5379

■ 45.1678, 27.2173,
10.8770

■ 52.9347, 38.5423,
26.4413

■ 42.8994, 23.9336,
6.2576

■ 58.6301, 46.8770,
37.7613

■ 41.5487, 21.9983,
3.4457

■ 65.6469, 57.1619,
51.6567

■ 40.9397, 21.1393,
2.1358

■ 74.0606, 69.5095,
68.2722

■ 40.9006, 21.0818,
2.0590

■ 83.9412, 84.0235,
87.7420

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.



50.8170, 32.0330, 38.3648



48.4772, 32.0330, 17.5379



40.9987, 32.0330, 8.0341

Triad

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



48.4772, 32.0330, 17.5379



18.3829, 32.0330, 14.0939



29.2827, 32.0330, 109.7777

Complementary

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



48.4772, 32.0330, 17.5379



58.5654, 80.7924, 103.7809

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.



21.8805, 32.0330, 93.0652



48.4772, 32.0330, 17.5379



16.4093, 32.0330, 31.6100

Square

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



48.4772, 32.0330, 17.5379



23.5600, 32.0330, 6.8310



17.5536, 32.0330, 60.9970



38.5589, 32.0330, 99.7126

Rectangle

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



48.4772, 32.0330, 17.5379



34.7488, 32.0330, 5.7140



17.5536, 32.0330, 60.9970



26.5147, 32.0330, 106.9539

Sweetspot

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



48.4780, 32.0348, 17.5384



75.6998, 71.5639, 70.8063



61.9074, 37.1979, 97.6825



15.6324, 14.4800, 14.0300



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.



48.4780, 32.0348, 17.5384



45.0449, 26.6947, 9.9040



58.5089, 52.3443, 20.1189



18.0241, 17.9929, 18.7440



21.5697, 11.1172, 1.1185



2.1051, 1.0844, 0.1349

Inverse Universe

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



48.4780, 32.0348, 17.5384



45.0449, 26.6947, 9.9040



40.7406, 44.3820, 100.1848



18.0241, 17.9929, 18.7440



21.5697, 11.1172, 1.1185



2.1051, 1.0844, 0.1349

Previews

White Background



This preview shows how the XYZ color 48.4772, 32.0330, 17.5379 looks on a white background.

Color Contrast Check

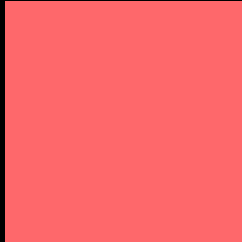
Large Text (above 18pt) WCAG AA × Fail

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 48.4772, 32.0330, 17.5379 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 48.4772, 32.0330, 17.5379

Background



This preview shows how black text looks on a background with the XYZ color 48.4772, 32.0330, 17.5379.



This preview shows how white text looks on a background with the XYZ color 48.4772, 32.0330,

17.5379.

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

48.4772, 32.0330, 17.5379

Protanopia

30.2540, 32.0488, 25.3604

Deuteranopia

32.7416, 32.1018, 16.5272



Tritanopia

48.6378, 32.0972, 18.3837

Trichromacy



Original Color

48.4772, 32.0330, 17.5379

Protanomaly

34.6208, 30.3105, 22.1150

Deuteranomaly

37.1428, 30.9135, 16.8412

Tritanomaly

48.5837, 32.0756, 18.0986

Monochromacy



Original Color

48.4772, 32.0330, 17.5379

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

33.1841, 29.0611, 26.4146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4772, 32.0330, 17.5379 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(254, 104, 107)  
}
```

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, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 104, 107) }
```

Border

The CSS property to change the border of an element to XYZ 48.4772, 32.0330, 17.5379 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, 107) }
```


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

```
.border{ border-color:rgb(254, 104, 107) }
```

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, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 104, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 104, 107);  
box-shadow:4px 4px 4px 4px rgb(254, 104,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4772, 32.0330, 17.5379 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, 107) }
```

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

```
.background{ background-color: rgb(254,  
104, 107) }
```

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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