

Converting Colors

XYZ(47.3904, 32.0359, 17.6117)

Have a look what the booklet for
XYZ(47.3904, 32.0359, 17.6117)
contains.

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Color

**XYZ(47.4407, 32.1107,
17.6075)**

Conversions

Conversions Part 1

Format	Color
Hex	FA6C6B
RGB	250, 108, 107
RGB Percent	98%, 42%, 42%
CMY	0.0196, 0.5764, 0.5804
CMYK	0.00, 0.57, 0.57, 0.02
HSL	0°, 93%, 70%
HSV	0°, 57%, 98%
XYZ	47.4407, 32.1107, 17.6075
YIQ	150.3440, 84.9530, 29.7930

Conversions

Conversions Part 2

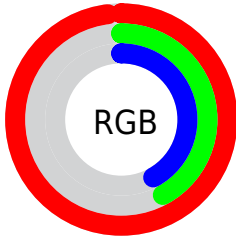
Format	Color
R _Y B	250, 108, 107
Decimal	16411755
CIE Lab	63.43, 54.23, 27.99
CIE LCh	63, 61.029, 27.302
Yxy	32.1107, 0.4883, 0.3305
Android (android.graphics.Color)	4294601835 (0xFFFA6C6B)
YUV	150.3440, -21.3686, 87.3983
Hunter-Lab	56.6663, 50.2731, 21.2437

Details

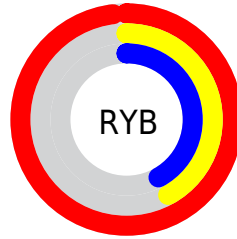
The XYZ color **47.4407, 32.1107, 17.6075** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.1916, 77.7737, 102.4394**, and the grayscale version is **29.1996, 30.7202, 33.4543**.

A 20% lighter version of the original color is **60.6870, 50.2795, 38.8541**, and **22.7826, 13.4736, 5.6749** is the 20% darker color. If you saturate the color by 10%, you get **44.0546, 27.1480, 10.9010**, and if you desaturate by 10%, it is **51.9536, 38.7191, 26.5654**.

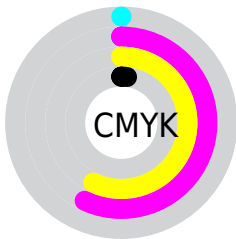
Distribution



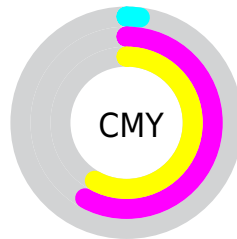
- Red (98%)
- Green (42%)
- Blue (42%)



- Red (98%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (57%)
- Yellow (57%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4407, 32.1107, 17.6075 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 47.4407, 32.1107, 17.6075 by changing the saturation by 10% instead.


 47.4407, 32.1107,
17.6075


 47.4407, 32.1107,
17.6075


367.1905,
311.6232, 250.8107


 33.5936, 21.4461,
10.5020

 85.5858, 62.9846,
40.1722


 22.7430, 13.4505,
5.6231


 110.6145, 83.9626,
56.4686

 14.5235, 7.7395,
2.5523


 140.1012,
109.1473, 76.6657

 8.5698, 3.9287,
0.8677

 174.4111,
138.9229, 101.1820

 4.5165, 1.6338,
0.0000

213.9096,
173.6739, 130.4361

 1.9983, 0.3802,
0.0000

258.9621,

 0.6330, 0.0000,

213.7847, 164.8466

0.0000

309.9340,
259.6397, 204.8319

■ 0.0000, 0.0000,
0.0000

■ 47.4407, 32.1107,
17.6075

■ 47.4407, 32.1107,
17.6075

■ 44.0546, 27.1480,
10.9010

■ 51.9536, 38.7191,
26.5654

■ 41.6940, 23.6820,
6.2446

■ 57.6783, 47.0949,
37.9489

■ 40.2437, 21.5460,
3.4043

■ 64.6941, 57.3542,
51.9170

■ 39.5570, 20.5284,
2.0785

■ 73.0731, 69.6019,
68.6150

■ 39.4432, 20.3621,
1.8514

■ 82.8821, 83.9351,
88.1771

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.



49.8973, 32.1107, 37.2093



47.4407, 32.1107, 17.6075



40.2127, 32.1107, 8.5359

Triad

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



47.4407, 32.1107, 17.6075



18.7433, 32.1107, 15.3042



29.7586, 32.1107, 105.5169

Complementary

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



47.4407, 32.1107, 17.6075



57.1916, 77.7737, 102.4394

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.



22.5256, 32.1107, 90.8903



47.4407, 32.1107, 17.6075



16.9483, 32.1107, 32.8092

Square

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



47.4407, 32.1107, 17.6075



23.6297, 32.1107, 7.7052



18.1938, 32.1107, 61.0829



38.6349, 32.1107, 95.1130

Rectangle

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



47.4407, 32.1107, 17.6075



34.2499, 32.1107, 6.3155



18.1938, 32.1107, 61.0829



27.0717, 32.1107, 103.2543

Sweetspot

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



47.4415, 32.1125, 17.6081



76.6119, 73.0606, 72.1203



61.9371, 37.7415, 94.4622



15.9944, 15.0479, 14.6319



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.



47.4415, 32.1125, 17.6081



45.5431, 27.6052, 10.3346



58.0980, 53.4256, 21.1602



17.2545, 17.2448, 17.8816



20.9264, 10.8094, 0.9835



1.9415, 1.0078, 0.0922

Inverse Universe

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



57.1916, 77.7737, 102.4394



56.6441, 79.6155, 106.9896



39.3388, 42.0681, 96.4884



17.7548, 19.5863, 22.2301



27.0016, 39.3588, 54.1474



2.5041, 3.6519, 5.0161

Previews

White Background



This preview shows how the XYZ color 47.4407, 32.1107, 17.6075 looks on a white background.

Color Contrast Check

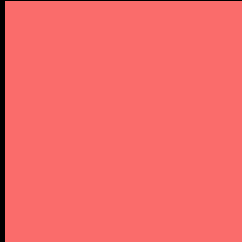
Large Text (above 18pt) WCAG AA × Fail

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 47.4407, 32.1107, 17.6075 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 47.4407, 32.1107, 17.6075

Background



This preview shows how black text looks on a background with the XYZ color 47.4407, 32.1107, 17.6075.



This preview shows how white text looks on a background with the XYZ color 47.4407, 32.1107,

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

47.4407, 32.1107, 17.6075

Protanopia

30.4906, 32.4300, 24.7313

Deuteranopia

32.7416, 32.1018, 16.5272



Tritanopia

47.7193, 32.0543, 19.5916

Trichromacy



Original Color

47.4407, 32.1107, 17.6075

Protanomaly

34.8415, 30.8495, 21.8875

Deuteranomaly

37.1302, 31.3096, 16.9184

Tritanomaly

47.5513, 31.9871, 18.7068

Monochromacy



Original Color

47.4407, 32.1107, 17.6075

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

33.2167, 29.4883, 26.4954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4407, 32.1107, 17.6075 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, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(250, 108, 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(250, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 108, 107) }
```

Border

The CSS property to change the border of an element to XYZ 47.4407, 32.1107, 17.6075 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, 108, 107) }
```


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

```
.border{ border-color:rgb(250, 108, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 108, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(250, 108,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4407, 32.1107, 17.6075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 108, 107) }
```

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

```
.background{ background-color: rgb(250,  
108, 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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