

Converting Colors

XYZ(47.0856, 32.4284, 18.9055)

Have a look what the booklet for
XYZ(47.0856, 32.4284, 18.9055)
contains.

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Color

**XYZ(46.9115, 32.2907,
18.7992)**

Conversions

Conversions Part 1

Format	Color
Hex	F76F6F
RGB	247, 111, 111
RGB Percent	97%, 44%, 44%
CMY	0.0314, 0.5647, 0.5647
CMYK	0.00, 0.55, 0.55, 0.03
HSL	0°, 89%, 70%
HSV	0°, 55%, 97%
XYZ	46.9115, 32.2907, 18.7992
YIQ	151.6640, 81.0560, 28.8320

Conversions

Conversions Part 2

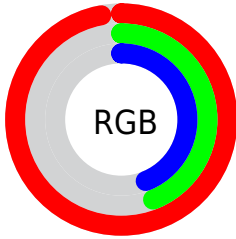
Format	Color
R _Y B	247, 111, 111
Decimal	16215919
CIE Lab	63.58, 52.11, 25.84
CIE LCh	64, 58.168, 26.378
Yxy	32.2907, 0.4787, 0.3295
Android (android.graphics.Color)	4294405999 (0xFFFF76F6F)
YUV	151.6640, -20.0474, 83.6097
Hunter-Lab	56.8249, 47.9161, 20.1627

Details

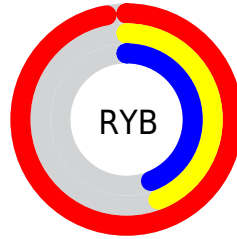
The XYZ color **46.9115, 32.2907, 18.7992** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **56.6027, 76.6121, 99.7998**, and the grayscale version is **29.7605, 31.3103, 34.0969**.

A 20% lighter version of the original color is **61.4871, 51.1768, 41.2877**, and **22.3190, 13.5015, 6.1323** is the 20% darker color. If you saturate the color by 10%, you get **43.4021, 27.1559, 11.8219**, and if you desaturate by 10%, it is **51.5433, 39.0690, 28.0058**.

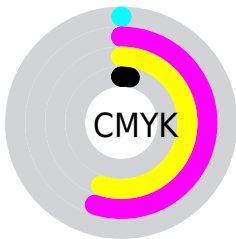
Distribution



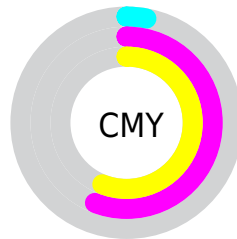
- Red (97%)
- Green (44%)
- Blue (44%)



- Red (97%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (55%)
- Yellow (55%)
- Black (3%)





- Cyan (3%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.9115, 32.2907, 18.7992 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 46.9115, 32.2907, 18.7992 by changing the saturation by 10% instead.


 46.9115, 32.2907,
18.7992


 46.9115, 32.2907,
18.7992


365.1160,
312.4414, 257.7237


 33.1734, 21.5836,
11.3499


 84.8011, 63.2665,
42.2267


 22.4191, 13.5513,
6.1856


 109.6832, 84.3041,
59.0420

 14.2835, 7.8092,
2.8877


 139.0106,
109.5540, 79.8164

 8.4011, 3.9731,
1.0376

 173.1488,
139.4005, 104.9684

 4.4066, 1.6585,
0.0000

212.4631,
174.2281, 134.9166

 1.9347, 0.3966,
0.0000

257.3188,

 0.5969, 0.0000,

214.4212, 170.0795

0.0000

308.0813,
260.3641, 210.8757

■ 0.0000, 0.0000,
0.0000

■ 46.9115, 32.2907,
18.7992

■ 46.9115, 32.2907,
18.7992

■ 43.4021, 27.1559,
11.8219

■ 51.5433, 39.0690,
28.0058

■ 40.9178, 23.5206,
6.8836

■ 57.3792, 47.6086,
39.6071

■ 39.3489, 21.2247,
3.7650

■ 64.4961, 58.0227,
53.7551

■ 38.5593, 20.0693,
2.1958

■ 72.9637, 70.4132,
70.5884

■ 38.3578, 19.7744,
1.7952

■ 82.8469, 84.8751,
90.2358

92.1677, 98.5141,
108.7651

Harmonies

Analogous

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



49.0592, 32.2907, 38.0598



46.9115, 32.2907, 18.7992



40.1736, 32.2907, 9.5218

Triad

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



46.9115, 32.2907, 18.7992



19.4394, 32.2907, 15.7571



29.7157, 32.2907, 101.3284

Complementary

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



46.9115, 32.2907, 18.7992



56.6027, 76.6121, 99.7998

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.



22.8325, 32.2907, 87.0853



46.9115, 32.2907, 18.7992



17.5975, 32.2907, 32.4096

Square

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



46.9115, 32.2907, 18.7992



24.2639, 32.2907, 8.3878



18.7211, 32.2907, 59.0030



38.1641, 32.2907, 92.3589

Rectangle

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



46.9115, 32.2907, 18.7992



34.5172, 32.2907, 7.1474



18.7211, 32.2907, 59.0030



27.1592, 32.2907, 98.9805

Sweetspot

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



46.9123, 32.2924, 18.7998



76.5362, 72.9091, 72.0951



60.8307, 37.8586, 92.0968



15.9768, 15.0128, 14.6261



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.



46.9123, 32.2924, 18.7998



46.3327, 28.7125, 12.0528



57.3472, 53.1622, 22.2781



16.4993, 16.4827, 17.1094



20.2863, 10.4581, 0.9494



1.7830, 0.9192, 0.0835

Inverse Universe

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



56.6027, 76.6121, 99.7998



57.7098, 80.7464, 107.1517



39.4643, 42.3353, 94.0870



16.9967, 18.7577, 21.2673



26.4674, 38.7287, 52.6184



2.3263, 3.4039, 4.6247

Previews

White Background



This preview shows how the XYZ color 46.9115, 32.2907, 18.7992 looks on a white background.

Color Contrast Check

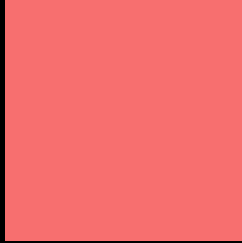
Large Text (above 18pt) WCAG AA × Fail

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 46.9115, 32.2907, 18.7992 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 46.9115, 32.2907, 18.7992

Background



This preview shows how black text looks on a background with the XYZ color 46.9115, 32.2907, 18.7992.



This preview shows how white text looks on a background with the XYZ color 46.9115, 32.2907,

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

46.9115, 32.2907, 18.7992

Protanopia

30.6891, 32.5094, 25.7766

Deuteranopia

33.1473, 32.5140, 17.8934



Tritanopia

47.1446, 32.2104, 20.5621

Trichromacy



Original Color

46.9115, 32.2907, 18.7992

Protanomaly

34.9118, 31.0764, 22.8972

Deuteranomaly

37.3302, 31.7994, 18.0803

Tritanomaly

47.0282, 32.1638, 19.9492

Monochromacy



Original Color

46.9115, 32.2907, 18.7992

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

33.9545, 30.2623, 27.7185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9115, 32.2907, 18.7992 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(247, 111, 111)` looks like.

```
.text, #text, p{  
    color:rgb(247, 111, 111)  
}
```

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(247, 111, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 111, 111) }
```

Border

The CSS property to change the border of an element to XYZ 46.9115, 32.2907, 18.7992 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(247, 111, 111) }
```


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

```
.border{ border-color:rgb(247, 111, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 111, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 111, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 111, 111);  
box-shadow:4px 4px 4px 4px rgb(247, 111,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9115, 32.2907, 18.7992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 111, 111) }
```

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

```
.background{ background-color: rgb(247,  
111, 111) }
```

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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