

Converting Colors

XYZ(47.8089, 32.0518, 19.6469)

Have a look what the booklet for
XYZ(47.8089, 32.0518, 19.6469)
contains.

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Color

**XYZ(47.7193, 32.0543,
19.5916)**

Conversions

Conversions Part 1

Format	Color
Hex	FA6B72
RGB	250, 107, 114
RGB Percent	98%, 42%, 45%
CMY	0.0196, 0.5804, 0.5529
CMYK	0.00, 0.57, 0.54, 0.02
HSL	357°, 93%, 70%
HSV	357°, 57%, 98%
XYZ	47.7193, 32.0543, 19.5916
YIQ	150.5550, 82.9810, 32.4930

Conversions

Conversions Part 2

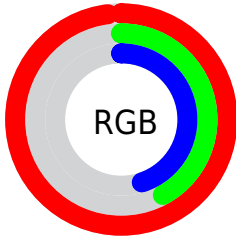
Format	Color
R _Y B	250, 107, 114
Decimal	16411506
CIE Lab	63.39, 55.21, 23.97
CIE LCh	63, 60.183, 23.466
Yxy	32.0543, 0.4802, 0.3226
Android (android.graphics.Color)	4294601586 (0xFFFA6B72)
YUV	150.5550, -18.0216, 87.2133
Hunter-Lab	56.6165, 51.3700, 19.1148

Details

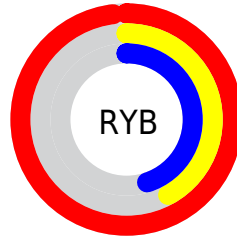
The XYZ color **47.7193, 32.0543, 19.5916** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **56.4287, 77.9688, 96.8753**, and the grayscale version is **29.2762, 30.8009, 33.5421**.

A 20% lighter version of the original color is **61.2201, 50.2076, 42.5408**, and **22.8630, 13.3659, 6.5291** is the 20% darker color. If you saturate the color by 10%, you get **44.2971, 27.1018, 12.6192**, and if you desaturate by 10%, it is **52.2480, 38.6574, 28.6685**.

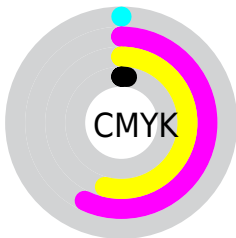
Distribution



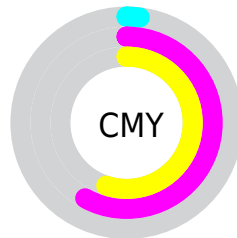
- Red (98%)
- Green (42%)
- Blue (45%)



- Red (98%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (57%)
- Yellow (54%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7193, 32.0543, 19.5916 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 47.7193, 32.0543, 19.5916 by changing the saturation by 10% instead.


 47.7193, 32.0543,
19.5916


 47.7193, 32.0543,
19.5916


368.2796,
311.3665, 262.2262

 33.8150, 21.4030,
11.9174


 85.9985, 62.8962,
43.5813


 22.9137, 13.4189,
6.5656


 111.1042, 83.8556,
60.7340

 14.6501, 7.7176,
3.1177


 140.6743,
109.0198, 81.8831

 8.6589, 3.9148,
1.1550


 175.0743,
138.7731, 107.4474

 4.5747, 1.6260,
0.0000

214.6694,
173.5001, 137.8453

 2.0321, 0.3750,
0.0000

259.8251,

 0.6519, 0.0000,

213.5851, 173.4954

0.0000

310.9067,
259.4124, 214.8162

■ 0.0000, 0.0000,
0.0000

■ 47.7193, 32.0543,
19.5916

■ 47.7193, 32.0543,
19.5916

■ 44.2971, 27.1018,
12.6192

■ 52.2480, 38.6574,
28.6685

■ 41.8843, 23.6497,
7.5807

■ 57.9648, 47.0336,
39.9991

■ 40.3709, 21.5294,
4.2815

■ 64.9461, 57.3002,
53.7206

■ 39.6169, 20.5227,
2.4845

■ 73.2614, 69.5626,
69.9592

■ 39.4919, 20.3510,
2.2018

■ 82.9752, 83.9187,
88.8318

93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



49.3906, 32.0543, 40.4071



47.7193, 32.0543, 19.5916



41.0732, 32.0543, 9.4398

Triad

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



47.7193, 32.0543, 19.5916



19.2895, 32.0543, 14.0429



28.6737, 32.0543, 103.5309

Complementary

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



47.7193, 32.0543, 19.5916



56.4287, 77.9688, 96.8753

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.



21.8640, 32.0543, 86.5016



47.7193, 32.0543, 19.5916



17.1240, 32.0543, 29.9205

Square

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



47.7193, 32.0543, 19.5916



24.5033, 32.0543, 7.4139



17.9719, 32.0543, 56.6314



37.3266, 32.0543, 96.4553

Rectangle

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



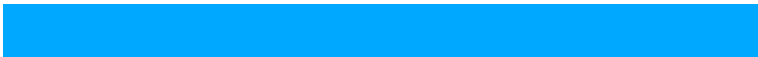
47.7193, 32.0543, 19.5916



35.2742, 32.0543, 6.7566



17.9719, 32.0543, 56.6314



26.1170, 32.0543, 100.2534

Sweetspot

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



47.7201, 32.0560, 19.5922



76.8043, 73.0154, 73.5096



59.4242, 36.4473, 94.3451



16.0390, 15.0375, 14.9542



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.



47.7201, 32.0560, 19.5922



45.7867, 27.5580, 12.0635



56.7085, 50.6456, 20.6990



17.2790, 17.2390, 18.0590



20.9625, 10.8007, 1.2449



1.9532, 1.0050, 0.1770

Inverse Universe

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



47.7201, 32.0560, 19.5922



45.7867, 27.5580, 12.0635



40.8057, 45.0005, 96.9774



17.2790, 17.2390, 18.0590



20.9625, 10.8007, 1.2449



1.9532, 1.0050, 0.1770

Previews

White Background



This preview shows how the XYZ color 47.7193, 32.0543, 19.5916 looks on a white background.

Color Contrast Check

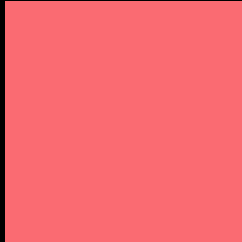
Large Text (above 18pt) WCAG AA × Fail

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 47.7193, 32.0543, 19.5916 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 47.7193, 32.0543, 19.5916

Background



This preview shows how black text looks on a background with the XYZ color 47.7193, 32.0543, 19.5916.



This preview shows how white text looks on a background with the XYZ color 47.7193, 32.0543,

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

47.7193, 32.0543, 19.5916

Protanopia

30.5331, 32.1371, 27.8864

Deuteranopia

32.6160, 31.9963, 18.3668



Tritanopia

47.7193, 32.0543, 19.5916

Trichromacy



Original Color

47.7193, 32.0543, 19.5916

Protanomaly

34.6928, 30.5043, 24.4815

Deuteranomaly

36.7979, 30.8937, 18.7755

Tritanomaly

47.7193, 32.0543, 19.5916

Monochromacy



Original Color

47.7193, 32.0543, 19.5916

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

33.7449, 29.7277, 28.0042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7193, 32.0543, 19.5916 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, 107, 114)` looks like.

```
.text, #text, p{  
    color:rgb(250, 107, 114)  
}
```

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, 107, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 107, 114) }
```

Border

The CSS property to change the border of an element to XYZ 47.7193, 32.0543, 19.5916 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, 107, 114) }
```


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

```
.border{ border-color:rgb(250, 107, 114) }
```

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

Here you see how a box with a 4 pixel rgb(250, 107, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 107, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 107, 114);  
box-shadow:4px 4px 4px 4px rgb(250, 107,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7193, 32.0543, 19.5916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 107, 114) }
```

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

```
.background{ background-color: rgb(250,  
107, 114) }
```

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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