

Converting Colors

XYZ(48.3204, 32.0158, 19.6406)

Have a look what the booklet for
XYZ(48.3204, 32.0158, 19.6406)
contains.

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Color

**XYZ(48.2337, 32.0135,
19.5566)**

Conversions

Conversions Part 1

Format	Color
Hex	FC6972
RGB	252, 105, 114
RGB Percent	99%, 41%, 45%
CMY	0.0118, 0.5882, 0.5529
CMYK	0.00, 0.58, 0.55, 0.01
HSL	356°, 96%, 70%
HSV	356°, 58%, 99%
XYZ	48.2337, 32.0135, 19.5566
YIQ	149.9790, 84.7230, 33.9630

Conversions

Conversions Part 2

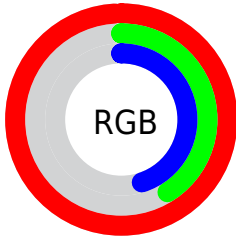
Format	Color
R_{YB}	252, 105, 114
Decimal	16542066
CIE _{Lab}	63.35, 56.77, 23.97
CIE _{LCh}	63, 61.628, 22.893
Yxy	32.0135, 0.4833, 0.3208
Android (android.graphics.Color)	4294732146 (0xFFFC6972)
YUV	149.9790, -17.7376, 89.4724
Hunter-Lab	56.5805, 53.1518, 19.1132

Details

The XYZ color **48.2337, 32.0135, 19.5566** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **56.8158, 79.0958, 97.0726**, and the grayscale version is **29.0295, 30.5412, 33.2594**.

A 20% lighter version of the original color is **60.8678, 49.5029, 42.4233**, and **23.2351, 13.3735, 6.5110** is the 20% darker color. If you saturate the color by 10%, you get **44.8595, 27.1488, 12.6253**, and if you desaturate by 10%, it is **52.7179, 38.5414, 28.5763**.

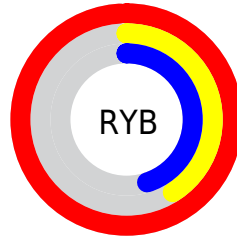
Distribution



Red (99%)

Green (41%)

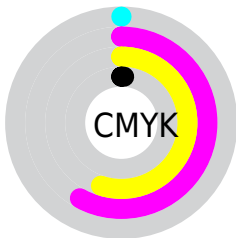
Blue (45%)



Red (99%)

Yellow (41%)

Blue (45%)

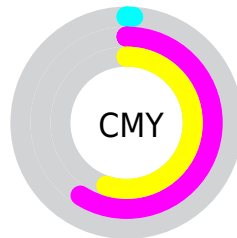


Cyan (0%)

Magenta (58%)

Yellow (55%)

Black (1%)



Cyan (1%)


Magenta (59%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2337, 32.0135, 19.5566 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 48.2337, 32.0135, 19.5566 by changing the saturation by 10% instead.


 48.2337, 32.0135,
19.5566

 48.2337, 32.0135,
19.5566

370.2849,
311.1807, 262.0289


 34.2240, 21.3718,
11.8923


 86.7598, 62.8323,
43.5217


 23.2295, 13.3961,
6.5487


 112.0070, 83.7781,
60.6595

 14.8847, 7.7018,
3.1074


 141.7307,
108.9275, 81.7923

 8.8243, 3.9048,
1.1497

 176.2964,
138.6647, 107.3385

 4.6829, 1.6204,
0.0000

216.0692,
173.3743, 137.7168

 2.0953, 0.3713,
0.0000

261.4147,

 0.6866, 0.0000,

213.4406, 173.3455

0.0000

312.6981,
259.2479, 214.6434

■ 0.0000, 0.0000,
0.0000

■ 48.2337, 32.0135,
19.5566

■ 48.2337, 32.0135,
19.5566

■ 44.8595, 27.1488,
12.6253

■ 52.7179, 38.5414,
28.5763

■ 42.4960, 23.7922,
7.6132

■ 58.3953, 46.8588,
39.8321

■ 41.0307, 21.7689,
4.3272

■ 65.3436, 57.0860,
53.4604

■ 40.3111, 20.8350,
2.5296

■ 73.6334, 69.3313,
69.5859

■ 40.2339, 20.7310,
2.3485

■ 83.3302, 83.6949,
88.3249

93.9547, 99.4353,
108.8487

Harmonies

Analogous

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



49.8407, 32.0135, 41.0157



48.2337, 32.0135, 19.5566



41.4682, 32.0135, 9.1705

Triad

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



48.2337, 32.0135, 19.5566



19.1055, 32.0135, 13.4626



28.4381, 32.0135, 105.6047

Complementary

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



48.2337, 32.0135, 19.5566



56.8158, 79.0958, 97.0726

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.



21.5447, 32.0135, 87.5339



48.2337, 32.0135, 19.5566



16.8511, 32.0135, 29.3484

Square

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



48.2337, 32.0135, 19.5566



24.4676, 32.0135, 6.9798



17.6520, 32.0135, 56.5797



37.2850, 32.0135, 98.7480

Rectangle

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



48.2337, 32.0135, 19.5566



35.5268, 32.0135, 6.4378



17.6520, 32.0135, 56.5797



25.8417, 32.0135, 102.0400

Sweetspot

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



48.2345, 32.0153, 19.5571



76.8723, 73.0426, 73.8677



59.3098, 36.0459, 95.9266



16.0548, 15.0438, 15.0374



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.



48.2345, 32.0153, 19.5571



45.5965, 27.1930, 11.9525



56.8281, 49.9817, 20.0193



17.2877, 17.2424, 18.1046



20.9755, 10.8059, 1.3136



1.9573, 1.0067, 0.1986

Inverse Universe

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



48.2345, 32.0153, 19.5571



45.5965, 27.1930, 11.9525



41.4455, 46.1283, 98.8143



17.2877, 17.2424, 18.1046



20.9755, 10.8059, 1.3136



1.9573, 1.0067, 0.1986

Previews

White Background



This preview shows how the XYZ color 48.2337, 32.0135, 19.5566 looks on a white background.

Color Contrast Check

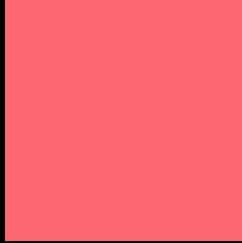
Large Text (above 18pt) WCAG AA × Fail

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 48.2337, 32.0135, 19.5566 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 48.2337, 32.0135, 19.5566

Background



This preview shows how black text looks on a background with the XYZ color 48.2337, 32.0135, 19.5566.



This preview shows how white text looks on a background with the XYZ color 48.2337, 32.0135,

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

48.2337, 32.0135, 19.5566

Protanopia

30.5331, 32.1371, 27.8864

Deuteranopia

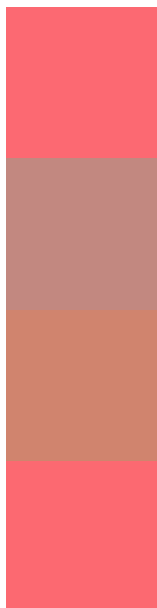
32.6160, 31.9963, 18.3668



Tritanopia

48.1211, 31.9684, 18.9635

Trichromacy



Original Color

48.2337, 32.0135, 19.5566

Protanomaly

34.9486, 30.6362, 24.4935

Deuteranomaly

37.0782, 31.0382, 18.7886

Tritanomaly

48.1771, 31.9909, 19.2584

Monochromacy



Original Color

48.2337, 32.0135, 19.5566

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

33.5340, 29.4211, 27.5783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2337, 32.0135, 19.5566 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(252, 105, 114)` looks like.

```
.text, #text, p{  
    color:rgb(252, 105, 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(252, 105, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 105, 114) }
```

Border

The CSS property to change the border of an element to XYZ 48.2337, 32.0135, 19.5566 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(252, 105, 114) }
```


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

```
.border{ border-color:rgb(252, 105, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 105, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 105, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 105, 114);  
box-shadow:4px 4px 4px 4px rgb(252, 105,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2337, 32.0135, 19.5566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 105, 114) }
```

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

```
.background{ background-color: rgb(252,  
105, 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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