

Converting Colors

XYZ(50.2690, 34.6934, 19.1966)

Have a look what the booklet for
XYZ(50.2690, 34.6934, 19.1966)
contains.

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Color

**XYZ(50.2400, 34.6692,
19.0828)**

Conversions

Conversions Part 1

Format	Color
Hex	FF736F
RGB	255, 115, 111
RGB Percent	100%, 45%, 44%
CMY	0.0000, 0.5490, 0.5647
CMYK	0.00, 0.55, 0.56, 0.00
HSL	2°, 100%, 72%
HSV	2°, 56%, 100%
XYZ	50.2400, 34.6692, 19.0828
YIQ	156.4040, 84.7240, 28.4360

Conversions

Conversions Part 2

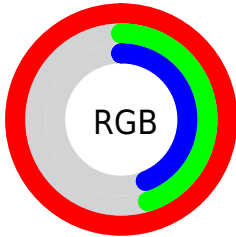
Format	Color
R _Y B	255, 115, 111
Decimal	16741231
CIE Lab	65.49, 53.02, 28.58
CIE LCh	65, 60.231, 28.323
Yxy	34.6692, 0.4831, 0.3334
Android (android.graphics.Color)	4294931311 (0xFFFF736F)
YUV	156.4040, -22.3842, 86.4687
Hunter-Lab	58.8806, 49.2646, 22.0009

Details

The XYZ color **50.2400, 34.6692, 19.0828** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.1002, 79.5887, 106.8546**, and the grayscale version is **31.8522, 33.5110, 36.4934**.

A 20% lighter version of the original color is **62.4138, 53.0302, 41.5966**, and **24.5054, 14.9281, 6.2925** is the 20% darker color. If you saturate the color by 10%, you get **46.5741, 29.2730, 11.8946**, and if you desaturate by 10%, it is **55.0682, 41.7492, 28.6356**.

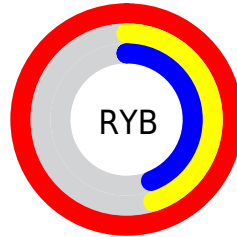
Distribution



Red (100%)

Green (45%)

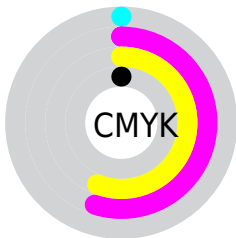
Blue (44%)



Red (100%)

Yellow (45%)

Blue (44%)

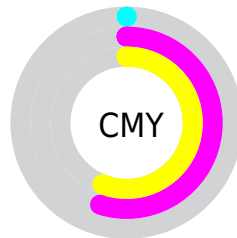


Cyan (0%)

Magenta (55%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2400, 34.6692, 19.0828 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 50.2400, 34.6692, 19.0828 by changing the saturation by 10% instead.


 50.2400, 34.6692,
19.0828


 50.2400, 34.6692,
19.0828


378.0402,
323.1058, 259.3434

 35.8227, 23.4082,
11.5527


 89.7201, 66.9730,
42.7125


 24.4668, 14.8952,
6.3211


 115.5136, 88.7845,
59.6492

 15.8068, 8.7459,
2.9693

 145.8298,
114.8817, 80.5586

 9.4776, 4.5758,
1.0790

 181.0342,
145.6489, 105.8591

 5.1136, 2.0006,
0.0000

221.4921,
181.4705, 135.9692

 2.3495, 0.6078,
0.0000

267.5688,

 0.8198, 0.0000,

222.7309, 171.3077

0.0000

319.6298,
269.8146, 212.2929

■ 0.0000, 0.0000,
0.0000

■ 50.2400, 34.6692,
19.0828

■ 50.2400, 34.6692,
19.0828

■ 46.5741, 29.2730,
11.8946

■ 55.0682, 41.7492,
28.6356

■ 43.9704, 25.4161,
6.8634

■ 61.1426, 50.6309,
40.7330

■ 42.3163, 22.9393,
3.7490

■ 68.5425, 61.4279,
55.5395

■ 41.4722, 21.6457,
2.2507

■ 77.3397, 74.2431,
73.2054

■ 41.3169, 21.4140,
1.9557

■ 87.6009, 89.1720,
93.8700

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



52.9665, 34.6692, 39.1874



50.2400, 34.6692, 19.0828



42.6794, 34.6692, 9.6735

Triad

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



50.2400, 34.6692, 19.0828



20.5287, 34.6692, 17.5635



32.4585, 34.6692, 110.0402

Complementary

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



50.2400, 34.6692, 19.0828



59.1002, 79.5887, 106.8546

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.



24.8278, 34.6692, 95.9700



50.2400, 34.6692, 19.0828



18.7462, 34.6692, 36.3459

Square

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



50.2400, 34.6692, 19.0828



25.5461, 34.6692, 9.1116



20.1690, 34.6692, 65.7843



41.6666, 34.6692, 98.6407

Rectangle

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



50.2400, 34.6692, 19.0828



36.5033, 34.6692, 7.3722



20.1690, 34.6692, 65.7843



29.6389, 34.6692, 108.0445

Sweetspot

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



50.2408, 34.6711, 19.0834



76.8377, 73.5122, 72.1956



64.5902, 39.6953, 96.8521



16.0468, 15.1527, 14.6494



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.



50.2408, 34.6711, 19.0834



46.1097, 28.5869, 10.9907



61.5419, 57.2732, 22.8504



18.0499, 18.0680, 18.6805



21.6066, 11.2244, 1.0277



2.1174, 1.1201, 0.1046

Inverse Universe

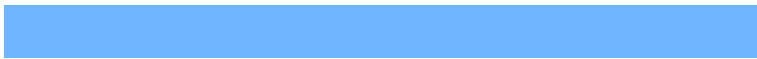
The Inverse Universe completely reimagines the original color for something new.



59.1002, 79.5887, 106.8546



55.7347, 77.4753, 106.6245



41.0483, 43.4849, 100.8373



18.5090, 20.3896, 23.2100



26.9751, 38.8597, 55.5135



2.6396, 3.8099, 5.4095

Previews

White Background



This preview shows how the XYZ color 50.2400, 34.6692, 19.0828 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 50.2400, 34.6692, 19.0828 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 50.2400, 34.6692, 19.0828

Background



This preview shows how black text looks on a background with the XYZ color 50.2400, 34.6692, 19.0828.



This preview shows how white text looks on a background with the XYZ color 50.2400, 34.6692,

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

50.2400, 34.6692, 19.0828

Protanopia

32.7896, 34.8430, 26.1163

Deuteranopia

35.5163, 34.6829, 18.1872



Tritanopia

50.7085, 34.6751, 22.1095

Trichromacy



Original Color

50.2400, 34.6692, 19.0828

Protanomaly

37.2170, 33.3543, 23.2154

Deuteranomaly

39.9108, 33.9738, 18.3640

Tritanomaly

50.4682, 34.5790, 20.8441

Monochromacy



Original Color

50.2400, 34.6692, 19.0828

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

35.9967, 32.1497, 29.1192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2400, 34.6692, 19.0828 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(255, 115, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 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(255, 115, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 111) }
```

Border

The CSS property to change the border of an element to XYZ 50.2400, 34.6692, 19.0828 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(255, 115, 111) }
```


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

```
.border{ border-color:rgb(255, 115, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 115, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2400, 34.6692, 19.0828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 111) }
```

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

```
.background{ background-color: rgb(255,  
115, 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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