

Converting Colors

XYZ(50.3967, 34.8704, 19.4810)

Have a look what the booklet for
XYZ(50.3967, 34.8704, 19.4810)
contains.

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Color

**XYZ(50.4100, 34.9206,
19.4127)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7470
RGB	255, 116, 112
RGB Percent	100%, 45%, 44%
CMY	0.0000, 0.5451, 0.5608
CMYK	0.00, 0.55, 0.56, 0.00
HSL	2°, 100%, 72%
HSV	2°, 56%, 100%
XYZ	50.4100, 34.9206, 19.4127
YIQ	157.1050, 84.1280, 28.2240

Conversions

Conversions Part 2

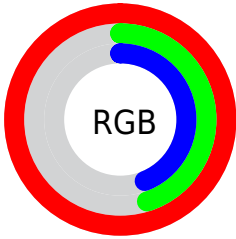
Format	Color
R_{YB}	255, 116, 112
Decimal	16741488
CIE _{Lab}	65.69, 52.63, 28.27
CIE _{LCh}	66, 59.743, 28.246
Yxy	34.9206, 0.4813, 0.3334
Android (android.graphics.Color)	4294931568 (0xFFFF7470)
YUV	157.1050, -22.2368, 85.8539
Hunter-Lab	59.0937, 48.8560, 21.8884

Details

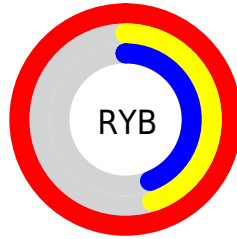
The XYZ color **50.4100, 34.9206, 19.4127** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.2269, 79.6542, 106.8605**, and the grayscale version is **32.1667, 33.8418, 36.8538**.

A 20% lighter version of the original color is **62.5038, 53.0662, 42.0704**, and **24.5865, 15.0451, 6.4586** is the 20% darker color. If you saturate the color by 10%, you get **46.7000, 29.4603, 12.1354**, and if you desaturate by 10%, it is **55.2857, 42.0694, 29.0621**.

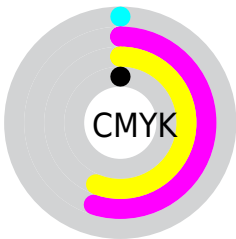
Distribution



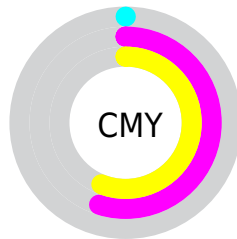
- Red (100%)
- Green (45%)
- Blue (44%)



- 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 50.4100, 34.9206, 19.4127 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 50.4100, 34.9206, 19.4127 by changing the saturation by 10% instead.


 50.4100, 34.9206,
19.4127


 50.4100, 34.9206,
19.4127

378.6927,
324.2177, 261.2159

 35.9584, 23.6017,
11.7890


 89.9702, 67.3627,
43.2763


 24.5720, 15.0384,
6.4794


 115.8096, 89.2548,
60.3532

 15.8855, 8.8464,
3.0653


 146.1756,
115.4400, 81.4184

 9.5335, 4.6411,
1.1281

 181.4336,
146.3028, 106.8903

 5.1507, 2.0383,
0.0000

221.9490,
182.2276, 137.1875

 2.3716, 0.6296,
0.0000

268.0870,

 0.8309, 0.0000,

223.5988, 172.7284

0.0000

320.2131,
270.8007, 213.9317

■ 0.0000, 0.0000,
0.0000

■ 50.4100, 34.9206,
19.4127

■ 50.4100, 34.9206,
19.4127

■ 46.7000, 29.4603,
12.1354

■ 55.2857, 42.0694,
29.0621

■ 44.0560, 25.5446,
7.0236

■ 61.4106, 51.0239,
41.2627

■ 42.3664, 23.0156,
3.8389

■ 68.8635, 61.8974,
56.1784

■ 41.4930, 21.6786,
2.2847

■ 77.7161, 74.7922,
73.9591

■ 41.3174, 21.4150,
1.9558

■ 88.0349, 89.8035,
94.7437

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.



53.1043, 34.9206, 39.5231



50.4100, 34.9206, 19.4127



42.9002, 34.9206, 9.9348

Triad

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



50.4100, 34.9206, 19.4127



20.7977, 34.9206, 17.8196



32.6765, 34.9206, 109.7912

Complementary

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



50.4100, 34.9206, 19.4127



59.2269, 79.6542, 106.8605

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.



25.0698, 34.9206, 95.7915



50.4100, 34.9206, 19.4127



19.0058, 34.9206, 36.5606

Square

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



50.4100, 34.9206, 19.4127



25.8201, 34.9206, 9.3417



20.4213, 34.9206, 65.8267



41.8460, 34.9206, 98.5602

Rectangle

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



50.4100, 34.9206, 19.4127



36.7531, 34.9206, 7.6005



20.4213, 34.9206, 65.8267



29.8668, 34.9206, 107.7919

Sweetspot

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



50.4108, 34.9225, 19.4133



76.8398, 73.5163, 72.1963



64.7026, 39.9159, 96.9026



16.0472, 15.1536, 14.6495



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.



50.4108, 34.9225, 19.4133



46.4133, 29.0369, 11.5768



61.6989, 57.4985, 23.1760



18.0502, 18.0685, 18.6806



21.6070, 11.2252, 1.0279



2.1175, 1.1204, 0.1047

Inverse Universe

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



59.2269, 79.6542, 106.8605



55.9712, 77.6149, 106.6389



41.2798, 43.7601, 100.8782



18.5087, 20.3889, 23.2099



26.9674, 38.8443, 55.5110



2.6390, 3.8086, 5.4093

Previews

White Background



This preview shows how the XYZ color 50.4100, 34.9206, 19.4127 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 50.4100, 34.9206, 19.4127 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 50.4100, 34.9206, 19.4127

Background



This preview shows how black text looks on a background with the XYZ color 50.4100, 34.9206, 19.4127.



This preview shows how white text looks on a background with the XYZ color 50.4100, 34.9206,

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

50.4100, 34.9206, 19.4127

Protanopia

33.0297, 35.2153, 26.5291

Deuteranopia

35.7310, 35.0295, 18.5138



Tritanopia

50.9459, 34.9515, 22.8001

Trichromacy



Original Color

50.4100, 34.9206, 19.4127

Protanomaly

37.4308, 33.6811, 23.5971

Deuteranomaly

40.1092, 34.2859, 18.6912

Tritanomaly

50.7005, 34.8534, 21.5079

Monochromacy



Original Color

50.4100, 34.9206, 19.4127

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

36.4730, 32.6065, 29.5707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4100, 34.9206, 19.4127 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, 116, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 112)  
}
```

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, 116, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 112) }
```

Border

The CSS property to change the border of an element to XYZ 50.4100, 34.9206, 19.4127 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, 116, 112) }
```


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

```
.border{ border-color:rgb(255, 116, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4100, 34.9206, 19.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 112) }
```

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

```
.background{ background-color: rgb(255,  
116, 112) }
```

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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