

Converting Colors

XYZ(47.5033, 34.9286, 18.0121)

Have a look what the booklet for
XYZ(47.5033, 34.9286, 18.0121)
contains.

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Color

**XYZ(47.5177, 34.8893,
18.1398)**

Conversions

Conversions Part 1

Format	Color
Hex	F57C6B
RGB	245, 124, 107
RGB Percent	96%, 49%, 42%
CMY	0.0392, 0.5137, 0.5804
CMYK	0.00, 0.49, 0.56, 0.04
HSL	7°, 87%, 69%
HSV	7°, 56%, 96%
XYZ	47.5177, 34.8893, 18.1398
YIQ	158.2410, 77.5730, 20.3650

Conversions

Conversions Part 2

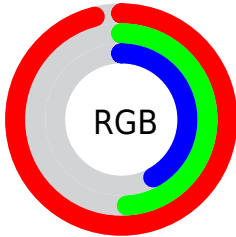
Format	Color
R _Y B	245, 126, 107
Decimal	16088171
CIE Lab	65.66, 44.84, 30.75
CIE LCh	66, 54.371, 34.439
Yxy	34.8893, 0.4726, 0.3470
Android (android.graphics.Color)	4294278251 (0xFFFF57C6B)
YUV	158.2410, -25.2618, 76.0876
Hunter-Lab	59.0672, 40.2302, 23.1388

Details

The XYZ color **47.5177, 34.8893, 18.1398** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **50.2865, 65.2016, 96.3207**, and the grayscale version is **32.6963, 34.3990, 37.4606**.

A 20% lighter version of the original color is **63.6181, 56.0034, 40.2576**, and **22.8098, 15.0126, 5.8332** is the 20% darker color. If you saturate the color by 10%, you get **44.0015, 29.6359, 11.4842**, and if you desaturate by 10%, it is **51.9870, 41.4650, 26.9148**.

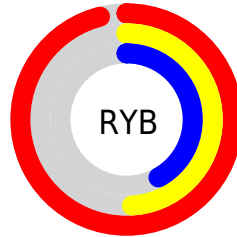
Distribution



Red (96%)

Green (49%)

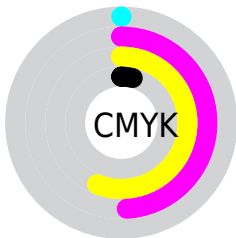
Blue (42%)



Red (96%)

Yellow (49%)

Blue (42%)

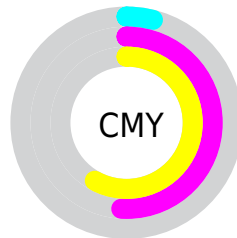


Cyan (0%)

Magenta (49%)

Yellow (56%)

Black (4%)



Cyan (4%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5177, 34.8893, 18.1398 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 47.5177, 34.8893, 18.1398 by changing the saturation by 10% instead.


 47.5177, 34.8893,
18.1398

 47.5177, 34.8893,
18.1398


367.4917,
324.0794, 253.9204

 33.6548, 23.5776,
10.8799


 85.6999, 67.3142,
41.0925


 22.7901, 15.0206,
5.8730


 110.7499, 89.1963,
57.6225

 14.5585, 8.8338,
2.7005


 140.2596,
115.3706, 78.0796

 8.5944, 4.6330,
0.9437

 174.5945,
146.2215, 102.8823

 4.5326, 2.0336,
0.0000

214.1197,
182.1334, 132.4492

 2.0076, 0.6269,
0.0000

259.2008,

 0.6382, 0.0000,

223.4908, 167.1988

0.0000

310.2030,
270.6780, 207.5497

■ 0.0000, 0.0000,
0.0000

■ 47.5177, 34.8893,
18.1398

■ 47.5177, 34.8893,
18.1398

■ 44.0015, 29.6359,
11.4842

■ 51.9870, 41.4650,
26.9148

■ 41.3657, 25.6096,
6.7661

■ 57.4699, 49.4388,
37.9666

■ 39.5308, 22.7114,
3.7762

■ 64.0248, 58.8870,
51.4400

■ 38.4012, 20.8238,
2.2539

■ 71.7050, 69.8790,
67.4670

■ 38.1252, 20.3507,
1.9187

■ 80.5601, 82.4798,
86.1703

90.6367, 96.7504,
107.6644

91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



50.9624, 34.8893, 34.6833



47.5177, 34.8893, 18.1398



40.2433, 34.8893, 10.5115

Triad

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



47.5177, 34.8893, 18.1398



21.1405, 34.8893, 21.9878



34.3648, 34.8893, 100.9265

Complementary

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



47.5177, 34.8893, 18.1398



50.2865, 65.2016, 96.3207

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.



26.9629, 34.8893, 93.1270



47.5177, 34.8893, 18.1398



20.0789, 34.8893, 41.4973

Square

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



47.5177, 34.8893, 18.1398



25.2080, 34.8893, 12.0251



22.0337, 34.8893, 68.7076



42.6327, 34.8893, 87.0708

Rectangle

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



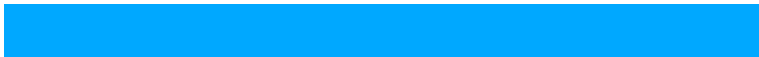
47.5177, 34.8893, 18.1398



34.6728, 34.8893, 8.8647



22.0337, 34.8893, 68.7076



31.6942, 34.8893, 100.7824

Sweetspot

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



47.5185, 34.8911, 18.1404



77.8904, 75.6175, 72.5465



57.0427, 35.5796, 77.9165



16.2914, 15.6420, 14.7309



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.



47.5185, 34.8911, 18.1404



47.5950, 31.5574, 11.4857



59.1816, 58.2173, 22.0281



16.6636, 16.8114, 17.1642



20.5914, 11.0683, 1.0511



1.8614, 1.0760, 0.1096

Inverse Universe

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



50.2865, 65.2016, 96.3207



50.8129, 67.6317, 104.9838



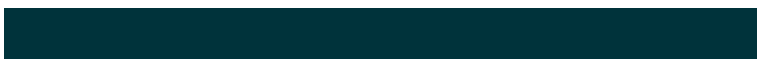
35.0985, 34.8256, 91.2580



16.8122, 18.3888, 21.2059



22.0134, 29.8205, 51.1337



1.9827, 2.7169, 4.5101

Previews

White Background



This preview shows how the XYZ color 47.5177, 34.8893, 18.1398 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 47.5177, 34.8893, 18.1398 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 47.5177, 34.8893, 18.1398

Background



This preview shows how black text looks on a background with the XYZ color 47.5177, 34.8893, 18.1398.



This preview shows how white text looks on a background with the XYZ color 47.5177, 34.8893,

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

47.5177, 34.8893, 18.1398

Protanopia

32.8782, 35.2047, 23.4747

Deuteranopia

35.7818, 35.0792, 17.4554



Tritanopia

48.8059, 34.8526, 24.9237

Trichromacy



Original Color

47.5177, 34.8893, 18.1398

Protanomaly

36.9333, 34.1576, 21.4761

Deuteranomaly

39.3231, 34.3425, 17.6529

Tritanomaly

48.4168, 34.8924, 22.2722

Monochromacy



Original Color

47.5177, 34.8893, 18.1398

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

36.1743, 33.3690, 28.9604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5177, 34.8893, 18.1398 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(245, 124, 107)` looks like.

```
.text, #text, p{  
    color:rgb(245, 124, 107)  
}
```

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(245, 124, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 124, 107) }
```

Border

The CSS property to change the border of an element to XYZ 47.5177, 34.8893, 18.1398 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(245, 124, 107) }
```


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

```
.border{ border-color:rgb(245, 124, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 124, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 124, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 124, 107);  
box-shadow:4px 4px 4px 4px rgb(245, 124,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5177, 34.8893, 18.1398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 124, 107) }
```

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

```
.background{ background-color: rgb(245,  
124, 107) }
```

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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