

Converting Colors

XYZ(48.5157, 34.0472, 13.9773)

Have a look what the booklet for
XYZ(48.5157, 34.0472, 13.9773)
contains.

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Color

**XYZ(48.6417, 34.1288,
13.9213)**

Conversions

Conversions Part 1

Format	Color
Hex	FD745B
RGB	253, 116, 91
RGB Percent	99%, 45%, 36%
CMY	0.0078, 0.5451, 0.6431
CMYK	0.00, 0.54, 0.64, 0.01
HSL	9°, 98%, 67%
HSV	9°, 64%, 99%
XYZ	48.6417, 34.1288, 13.9213
YIQ	154.1130, 89.6770, 21.2690

Conversions

Conversions Part 2

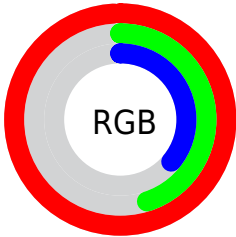
Format	Color
RYB	253, 121, 91
Decimal	16610395
CIELab	65.06, 50.52, 39.01
CIElCh	65, 63.830, 37.674
Yxy	34.1288, 0.5031, 0.3530
Android (android.graphics.Color)	4294800475 (0xFFFD745B)
YUV	154.1130, -31.1147, 86.7239
Hunter-Lab	58.4199, 46.3884, 26.7652

Details

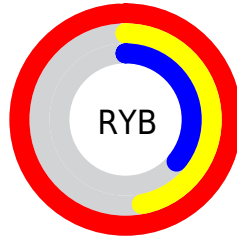
The XYZ color **48.6417, 34.1288, 13.9213** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **49.7850, 64.7980, 102.8112**, and the grayscale version is **30.8708, 32.4785, 35.3690**.

A 20% lighter version of the original color is **60.6854, 52.3388, 32.4951**, and **23.4125, 14.5742, 3.9620** is the 20% darker color. If you saturate the color by 10%, you get **45.5399, 29.3875, 8.3803**, and if you desaturate by 10%, it is **52.6807, 40.1566, 21.5893**.

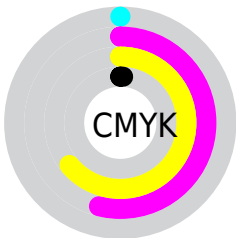
Distribution



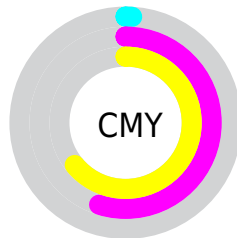
- Red (99%)
- Green (45%)
- Blue (36%)



- Red (99%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (54%)
- Yellow (64%)
- Black (1%)




- Cyan (1%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6417, 34.1288, 13.9213 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 48.6417, 34.1288, 13.9213 by changing the saturation by 10% instead.


 48.6417, 34.1288,
13.9213


 48.6417, 34.1288,
13.9213

371.8705,
320.7060, 228.1521

 34.5487, 22.9926,
7.9278


 87.3630, 66.1339,
33.6644

 23.4803, 14.5880,
3.9617


 112.7220, 87.7716,
48.2512

 15.0712, 8.5308,
1.6043


 142.5671,
113.6785, 66.5394

 8.9560, 4.4364,
0.2939

 177.2635,
144.2391, 88.9477

 4.7694, 1.9206,
0.0000

217.1767,
179.8378, 115.8946

 2.1460, 0.5607,
0.0000

262.6720,

 0.7140, 0.0000,

220.8589, 147.7986

0.0000

314.1148,
267.6868, 185.0782

■ 0.0000, 0.0000,
0.0000

■ 48.6417, 34.1288,
13.9213

■ 48.6417, 34.1288,
13.9213

■ 45.5399, 29.3875,
8.3803

■ 52.6807, 40.1566,
21.5893

■ 43.2946, 25.8325,
4.7477

■ 57.7236, 47.5502,
31.5701

■ 41.8149, 23.3577,
2.7603

■ 63.8336, 56.3889,
44.0309

■ 41.2351, 22.3372,
2.1382

■ 71.0680, 66.7443,
59.1231

■ 79.4798, 78.6833,
76.9859

89.1189, 92.2687,
97.7487

94.3177, 99.6225,
108.8657

Harmonies

Analogous

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



53.4385, 34.1288, 30.7681



48.6417, 34.1288, 13.9213



39.6711, 34.1288, 7.1587

Triad

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



48.6417, 34.1288, 13.9213



18.6161, 34.1288, 20.9811



34.8706, 34.1288, 113.8995

Complementary

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



48.6417, 34.1288, 13.9213



49.7850, 64.7980, 102.8112

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.



26.1430, 34.1288, 106.9544



48.6417, 34.1288, 13.9213



17.8175, 34.1288, 44.3820

Square

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



48.6417, 34.1288, 13.9213



22.7414, 34.1288, 9.6742



20.3041, 34.1288, 77.7695



44.5614, 34.1288, 93.7797

Rectangle

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



48.6417, 34.1288, 13.9213



33.1653, 34.1288, 5.9720



20.3041, 34.1288, 77.7695



31.7222, 34.1288, 114.7753

Sweetspot

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



48.6425, 34.1307, 13.9219



76.5015, 73.8510, 68.9660



58.3498, 34.0052, 77.3972



15.8606, 15.0770, 13.6728



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.



48.6425, 34.1307, 13.9219



45.5895, 28.7104, 7.2291



62.2037, 61.2531, 18.4423



18.2357, 18.4396, 18.7424



22.0011, 12.0134, 1.1592



2.2049, 1.2953, 0.1338

Inverse Universe

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



49.7850, 64.7980, 102.8112



46.6742, 61.8217, 104.0805



32.5869, 30.4019, 97.0785



18.3020, 19.9755, 23.1410



22.3037, 29.5170, 53.9564



2.2332, 2.9972, 5.2741

Previews

White Background



This preview shows how the XYZ color 48.6417, 34.1288, 13.9213 looks on a white background.

Color Contrast Check

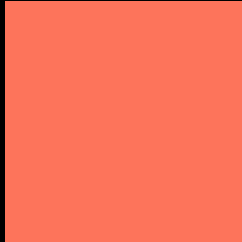
Large Text (above 18pt) WCAG AA × Fail

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 48.6417, 34.1288, 13.9213 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 48.6417, 34.1288, 13.9213

Background



This preview shows how black text looks on a background with the XYZ color 48.6417, 34.1288, 13.9213.



This preview shows how white text looks on a background with the XYZ color 48.6417, 34.1288,

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

48.6417, 34.1288, 13.9213

Protanopia

31.6753, 34.1732, 18.8365

Deuteranopia

34.9150, 34.2426, 13.1568



Tritanopia

50.4243, 34.2044, 21.7138

Trichromacy



Original Color

48.6417, 34.1288, 13.9213

Protanomaly

36.2588, 33.0020, 16.7709

Deuteranomaly

38.8331, 33.3122, 13.4000

Tritanomaly

49.5385, 33.9852, 18.4168

Monochromacy



Original Color

48.6417, 34.1288, 13.9213

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

34.7100, 31.3420, 25.6929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6417, 34.1288, 13.9213 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(253, 116, 91)` looks like.

```
.text, #text, p{  
    color:rgb(253, 116, 91)  
}
```

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(253, 116, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 116, 91) }
```

Border

The CSS property to change the border of an element to XYZ 48.6417, 34.1288, 13.9213 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(253, 116, 91) }
```


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

```
.border{ border-color:rgb(253, 116, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 116, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 116, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 116, 91);  
box-shadow:4px 4px 4px 4px rgb(253, 116,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6417, 34.1288, 13.9213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 116, 91) }
```

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

```
.background{ background-color: rgb(253,  
116, 91) }
```

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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