

Converting Colors

XYZ(47.0236, 35.0841, 18.1911)

Have a look what the booklet for
XYZ(47.0236, 35.0841, 18.1911)
contains.

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Color

**XYZ(47.0768, 35.0379,
18.1917)**

Conversions

Conversions Part 1

Format	Color
Hex	F37E6B
RGB	243, 126, 107
RGB Percent	95%, 49%, 42%
CMY	0.0471, 0.5059, 0.5804
CMYK	0.00, 0.48, 0.56, 0.05
HSL	8°, 85%, 69%
HSV	8°, 56%, 95%
XYZ	47.0768, 35.0379, 18.1917
YIQ	158.8170, 75.8310, 18.8950

Conversions

Conversions Part 2

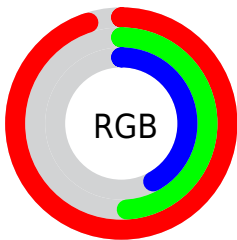
Format	Color
R _Y B	243, 129, 107
Decimal	15957611
CIE Lab	65.78, 43.11, 30.84
CIE LCh	66, 53.008, 35.581
Yxy	35.0379, 0.4693, 0.3493
Android (android.graphics.Color)	4294147691 (0xFFFF37E6B)
YUV	158.8170, -25.5458, 73.8285
Hunter-Lab	59.1928, 38.3759, 23.2134

Details

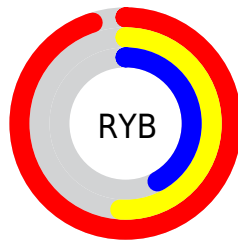
The XYZ color **47.0768, 35.0379, 18.1917** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **48.8949, 62.9045, 94.3583**, and the grayscale version is **32.9608, 34.6773, 37.7636**.

A 20% lighter version of the original color is **64.0219, 56.8110, 40.3922**, and **22.5296, 15.1584, 5.8761** is the 20% darker color. If you saturate the color by 10%, you get **43.5739, 29.7988, 11.5784**, and if you desaturate by 10%, it is **51.4991, 41.5413, 26.8839**.

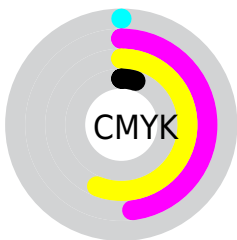
Distribution



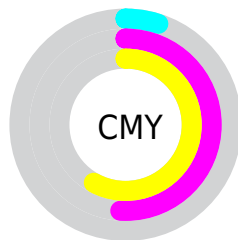
- Red (95%)
- Green (49%)
- Blue (42%)



- Red (95%)
- Yellow (51%)
- Blue (42%)



- Cyan (0%)
- Magenta (48%)
- Yellow (56%)
- Black (5%)





- Cyan (5%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0768, 35.0379, 18.1917 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 47.0768, 35.0379, 18.1917 by changing the saturation by 10% instead.


 47.0768, 35.0379,
18.1917


 47.0768, 35.0379,
18.1917

365.7648,
324.7356, 254.2217


 33.3046, 23.6921,
10.9168


 85.0463, 67.5445,
41.1820


 22.5202, 15.1054,
5.8975


 109.9743, 89.4740,
57.7346

 14.3584, 8.8934,
2.7151


 139.3515,
115.7002, 78.2168

 8.4537, 4.6717,
0.9510

 173.5435,
146.6076, 103.0473

 4.4408, 2.0559,
0.0000

212.9154,
182.5804, 132.6444

 1.9544, 0.6397,
0.0000

257.8327,

 0.6082, 0.0000,

224.0030, 167.4268

0.0000

308.6607,
271.2600, 207.8131

■ 0.0000, 0.0000,
0.0000

■ 47.0768, 35.0379,
18.1917

■ 47.0768, 35.0379,
18.1917

■ 43.5739, 29.7988,
11.5784

■ 51.4991, 41.5413,
26.8839

■ 40.9217, 25.7358,
6.8674

■ 56.8975, 49.3785,
37.8078

■ 39.0461, 22.7585,
3.8559

■ 63.3273, 58.6203,
51.1043

■ 37.8576, 20.7599,
2.2932

■ 70.8388, 69.3312,
66.9018

■ 37.5328, 20.1964,
1.9201

■ 79.4789, 81.5713,
85.3197

89.2918, 95.3977,
106.4697

90.7719, 97.7946,
108.6998

Harmonies

Analogous

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



50.6049, 35.0379, 34.1169



47.0768, 35.0379, 18.1917



39.9077, 35.0379, 10.8528

Triad

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



47.0768, 35.0379, 18.1917



21.4101, 35.0379, 22.9837



34.7851, 35.0379, 98.9959

Complementary

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



47.0768, 35.0379, 18.1917



48.8949, 62.9045, 94.3583

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.



27.4695, 35.0379, 92.2711



47.0768, 35.0379, 18.1917



20.4759, 35.0379, 42.4897

Square

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



47.0768, 35.0379, 18.1917



25.3033, 35.0379, 12.7653



22.5170, 35.0379, 69.0619



42.8315, 35.0379, 84.9348

Rectangle

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



47.0768, 35.0379, 18.1917



34.4736, 35.0379, 9.3216



22.5170, 35.0379, 69.0619



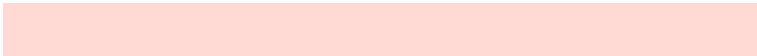
32.1582, 35.0379, 99.1395

Sweetspot

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



47.0776, 35.0397, 18.1923



78.0754, 75.9875, 72.6082



55.7921, 34.9992, 74.9535



16.3345, 15.7282, 14.7453



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.



47.0776, 35.0397, 18.1923



48.2115, 32.6332, 12.1762



58.7153, 58.3151, 22.0716



16.6859, 16.8559, 17.1716



20.6559, 11.1974, 1.0726



1.8719, 1.0971, 0.1131

Inverse Universe

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



48.8949, 62.9045, 94.3583



50.3300, 66.3325, 104.7585



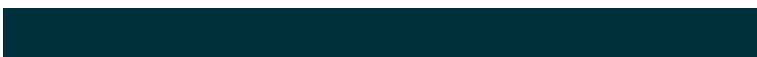
34.2756, 33.6659, 89.4852



16.7877, 18.3397, 21.1977



21.4731, 28.7400, 50.9536



1.9405, 2.6323, 4.4961

Previews

White Background



This preview shows how the XYZ color 47.0768, 35.0379, 18.1917 looks on a white background.

Color Contrast Check

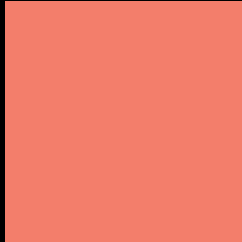
Large Text (above 18pt) WCAG AA × Fail

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 47.0768, 35.0379, 18.1917 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 47.0768, 35.0379, 18.1917

Background



This preview shows how black text looks on a background with the XYZ color 47.0768, 35.0379, 18.1917.



This preview shows how white text looks on a background with the XYZ color 47.0768, 35.0379,

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

47.0768, 35.0379, 18.1917

Protanopia

32.8166, 35.1800, 23.1500

Deuteranopia

35.7818, 35.0792, 17.4554



Tritanopia

48.8359, 35.2171, 25.6964

Trichromacy



Original Color

47.0768, 35.0379, 18.1917

Protanomaly

36.7682, 34.3111, 21.2078

Deuteranomaly

39.1851, 34.4933, 17.6893

Tritanomaly

48.0287, 35.0535, 22.6470

Monochromacy



Original Color

47.0768, 35.0379, 18.1917

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

36.4025, 33.7080, 29.3986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0768, 35.0379, 18.1917 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(243, 126, 107)` looks like.

```
.text, #text, p{  
    color:rgb(243, 126, 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(243, 126, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 126, 107) }
```

Border

The CSS property to change the border of an element to XYZ 47.0768, 35.0379, 18.1917 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(243, 126, 107) }
```


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

```
.border{ border-color:rgb(243, 126, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 126, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 126, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 126, 107);  
box-shadow:4px 4px 4px 4px rgb(243, 126,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0768, 35.0379, 18.1917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 126, 107) }
```

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

```
.background{ background-color: rgb(243,  
126, 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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