

Converting Colors

XYZ(50.0138, 37.0485, 18.7269)

Have a look what the booklet for
XYZ(50.0138, 37.0485, 18.7269)
contains.

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Color

**XYZ(49.9814, 37.1072,
18.7155)**

Conversions

Conversions Part 1

Format	Color
Hex	FA816C
RGB	250, 129, 108
RGB Percent	98%, 51%, 42%
CMY	0.0196, 0.4941, 0.5765
CMYK	0.00, 0.48, 0.57, 0.02
HSL	9°, 93%, 70%
HSV	9°, 57%, 98%
XYZ	49.9814, 37.1072, 18.7155
YIQ	162.7850, 78.8570, 19.1210

Conversions

Conversions Part 2

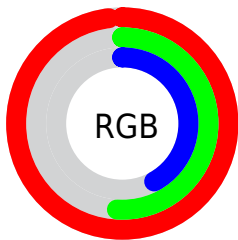
Format	Color
R _Y B	250, 133, 108
Decimal	16417132
CIE Lab	67.36, 44.28, 32.52
CIE LCh	67, 54.936, 36.294
Yxy	37.1072, 0.4724, 0.3507
Android (android.graphics.Color)	4294607212 (0xFFFA816C)
YUV	162.7850, -27.0090, 76.4876
Hunter-Lab	60.9157, 39.8571, 24.4249

Details

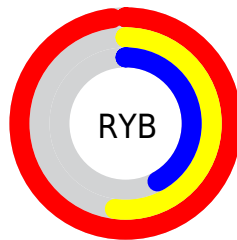
The XYZ color **49.9814, 37.1072, 18.7155** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **51.4573, 66.1253, 100.4935**, and the grayscale version is **34.8097, 36.6225, 39.8819**.

A 20% lighter version of the original color is **64.7257, 58.0790, 41.0567**, and **24.3863, 16.3139, 6.1386** is the 20% darker color. If you saturate the color by 10%, you get **46.3172, 31.6117, 11.8444**, and if you desaturate by 10%, it is **54.6137, 43.9289, 27.7915**.

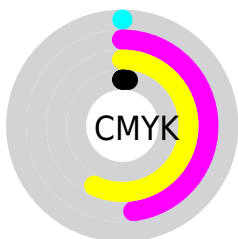
Distribution



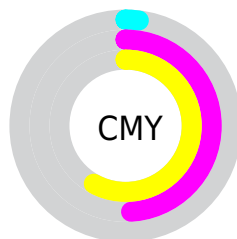
- Red (98%)
- Green (51%)
- Blue (42%)



- Red (98%)
- Yellow (52%)
- Blue (42%)



- Cyan (0%)
- Magenta (48%)
- Yellow (57%)
- Black (2%)



- Cyan (2%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.9814, 37.1072, 18.7155 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 49.9814, 37.1072, 18.7155 by changing the saturation by 10% instead.

49.9814, 37.1072,
18.7155

49.9814, 37.1072,
18.7155

377.0464,
333.7744, 257.2438

35.6164, 25.2905,
11.2902

89.3393, 70.7376,
42.0831

24.3068, 16.2936,
6.1457

115.0629, 93.3201,
58.8624

15.6873, 9.7322,
2.8637

145.3033,
120.2601, 79.5968

9.3926, 5.2217,
1.0255

180.4260,
151.9418, 104.7048

5.0573, 2.3779,
0.0000

220.7963,
188.7497, 134.6050

2.3160, 0.8145,
0.0000

266.7796,

0.8028, 0.0000,

231.0681, 169.7158

0.0000

318.7412,
279.2816, 210.4559

■ 0.0000, 0.0000,
0.0000

■ 49.9814, 37.1072,
18.7155

■ 49.9814, 37.1072,
18.7155

■ 46.3172, 31.6117,
11.8444

■ 54.6137, 43.9289,
27.7915

■ 43.5481, 27.3497,
6.9870

■ 60.2744, 52.1497,
39.2374

■ 41.5949, 24.2261,
3.9228

■ 67.0222, 61.8441,
53.2051

■ 40.3613, 22.1280,
2.3736

■ 74.9103, 73.0796,
69.8329

■ 40.0852, 21.6460,
2.0654

■ 83.9886, 85.9196,
89.2491

93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



53.9173, 37.1072, 35.5341



49.9814, 37.1072, 18.7155



42.1816, 37.1072, 11.0962

Triad

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



49.9814, 37.1072, 18.7155



22.4335, 37.1072, 24.4918



37.0727, 37.1072, 106.1698

Complementary

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



49.9814, 37.1072, 18.7155



51.4573, 66.1253, 100.4935

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.



29.1567, 37.1072, 99.4057



49.9814, 37.1072, 18.7155



21.5090, 37.1072, 45.6985

Square

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



49.9814, 37.1072, 18.7155



26.5337, 37.1072, 13.3836



23.7709, 37.1072, 74.5019



45.7382, 37.1072, 90.4333

Rectangle

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



49.9814, 37.1072, 18.7155



36.3254, 37.1072, 9.5620



23.7709, 37.1072, 74.5019



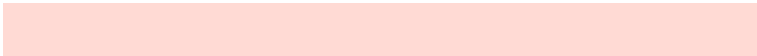
34.2338, 37.1072, 106.5174

Sweetspot

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



49.9823, 37.1092, 18.7162



78.1673, 76.1712, 72.6388



59.2201, 36.8226, 79.6368



16.3559, 15.7710, 14.7524



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.



49.9823, 37.1092, 18.7162



48.0318, 32.4310, 11.6313



62.3099, 61.7645, 22.8254



17.4518, 17.6394, 17.9473



21.3252, 11.6070, 1.1164



2.0351, 1.1950, 0.1234

Inverse Universe

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



51.4573, 66.1253, 100.4935



49.6108, 65.2276, 104.5832



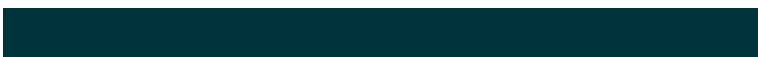
36.0223, 35.2553, 95.3485



17.5342, 19.1452, 22.1565



21.8601, 29.0758, 52.4336



2.0822, 2.8082, 4.8755

Previews

White Background



This preview shows how the XYZ color 49.9814, 37.1072, 18.7155 looks on a white background.

Color Contrast Check

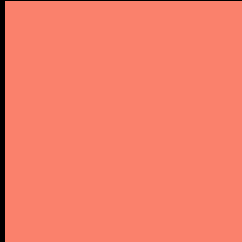
Large Text (above 18pt) WCAG AA × Fail

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 49.9814, 37.1072, 18.7155 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 49.9814, 37.1072, 18.7155

Background



This preview shows how black text looks on a background with the XYZ color 49.9814, 37.1072, 18.7155.



This preview shows how white text looks on a background with the XYZ color 49.9814, 37.1072,

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

49.9814, 37.1072, 18.7155

Protanopia

34.7551, 37.2111, 24.0896

Deuteranopia

38.0583, 37.2353, 18.0132



Tritanopia

51.7816, 37.0839, 26.9830

Trichromacy



Original Color

49.9814, 37.1072, 18.7155

Protanomaly

38.9652, 36.1377, 22.0611

Deuteranomaly

41.8970, 36.7928, 18.2581

Tritanomaly

50.9462, 36.9116, 23.8415

Monochromacy



Original Color

49.9814, 37.1072, 18.7155

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

38.5302, 35.7185, 30.8502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9814, 37.1072, 18.7155 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(250, 129, 108)` looks like.

```
.text, #text, p{  
    color:rgb(250, 129, 108)  
}
```

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(250, 129, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 129, 108) }
```

Border

The CSS property to change the border of an element to XYZ 49.9814, 37.1072, 18.7155 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(250, 129, 108) }
```


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

```
.border{ border-color:rgb(250, 129, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 129, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 129, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 129, 108);  
box-shadow:4px 4px 4px 4px rgb(250, 129,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9814, 37.1072, 18.7155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 129, 108) }
```

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

```
.background{ background-color: rgb(250,  
129, 108) }
```

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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