

Converting Colors

XYZ(49.5712, 31.3465, 18.2990)

Have a look what the booklet for
XYZ(49.5712, 31.3465, 18.2990)
contains.

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Color

**XYZ(48.1467, 30.5702,
18.1149)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5F6E
RGB	255, 95, 110
RGB Percent	100%, 37%, 43%
CMY	0.0000, 0.6274, 0.5686
CMYK	0.00, 0.63, 0.57, 0.00
HSL	354°, 100%, 69%
HSV	354°, 63%, 100%
XYZ	48.1467, 30.5702, 18.1149
YIQ	144.5500, 90.5450, 38.5850

Conversions

Conversions Part 2

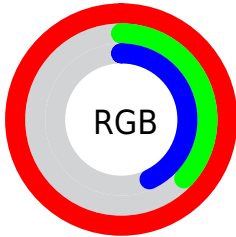
Format	Color
R _Y B	255, 95, 110
Decimal	16736110
CIE Lab	62.14, 61.75, 24.73
CIE LCh	62, 66.522, 21.825
Yxy	30.5702, 0.4972, 0.3157
Android (android.graphics.Color)	4294926190 (0xFFFF5F6E)
YUV	144.5500, -17.0331, 96.8647
Hunter-Lab	55.2903, 58.6794, 19.2779

Details

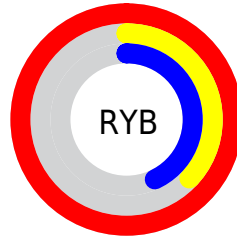
The XYZ color **48.1467, 30.5702, 18.1149** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **56.2096, 80.2449, 94.9710**, and the grayscale version is **26.7737, 28.1680, 30.6749**.

A 20% lighter version of the original color is **58.9013, 46.2897, 39.5486**, and **23.1519, 12.5984, 5.9141** is the 20% darker color. If you saturate the color by 10%, you get **45.1153, 26.2655, 11.6852**, and if you desaturate by 10%, it is **52.2591, 36.5123, 26.5239**.

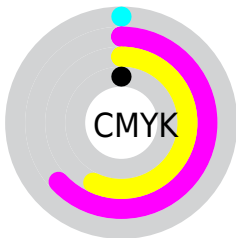
Distribution



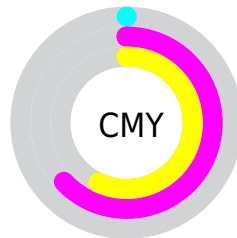
- Red (100%)
- Green (37%)
- Blue (43%)



- Red (100%)
- Yellow (37%)
- Blue (43%)



- Cyan (0%)
- Magenta (63%)
- Yellow (57%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1467, 30.5702, 18.1149 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 48.1467, 30.5702, 18.1149 by changing the saturation by 10% instead.


 48.1467, 30.5702,
18.1149


 48.1467, 30.5702,
18.1149


369.9462,
304.5533, 253.7757


 34.1548, 20.2718,
10.8622


 86.6312, 60.5628,
41.0496


 23.1760, 12.5928,
5.8613


 111.8544, 81.0257,
57.5687

 14.8449, 7.1487,
2.6935


 141.5522,
105.6456, 78.0137

 8.7962, 3.5553,
0.9401

 176.0899,
134.8068, 102.8031

 4.6646, 1.4280,
0.0000

215.8328,
168.8938, 132.3554

 2.0845, 0.2373,
0.0000

261.1462,

 0.6808, 0.0000,

208.2910, 167.0893

0.0000

312.3956,
253.3827, 207.4232

■ 0.0000, 0.0000,
0.0000

■ 48.1467, 30.5702,
18.1149

■ 48.1467, 30.5702,
18.1149

■ 45.1153, 26.2655,
11.6852

■ 52.2591, 36.5123,
26.5239

■ 43.0600, 23.4297,
7.0705

■ 57.5398, 44.2285,
37.0554

■ 41.8590, 21.8670,
4.0822

■ 64.0696, 53.8468,
49.8411

■ 41.4036, 21.3254,
2.7924

■ 71.9215, 65.4821,
65.0013

■ 81.1630, 79.2401,
82.6481

91.8568, 95.2192,
102.8862

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.



49.6448, 30.5702, 40.8006



48.1467, 30.5702, 18.1149



41.0481, 30.5702, 7.6245

Triad

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



48.1467, 30.5702, 18.1149



17.5150, 30.5702, 11.1661



26.6761, 30.5702, 109.8248

Complementary

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



48.1467, 30.5702, 18.1149



56.2096, 80.2449, 94.9710

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.



19.6617, 30.5702, 89.0347



48.1467, 30.5702, 18.1149



15.1298, 30.5702, 26.7554

Square

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



48.1467, 30.5702, 18.1149



23.1143, 30.5702, 5.2894



15.8256, 30.5702, 55.1856



35.9376, 30.5702, 103.2395

Rectangle

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



48.1467, 30.5702, 18.1149



34.7636, 30.5702, 4.9806



15.8256, 30.5702, 55.1856



24.0101, 30.5702, 105.5403

Sweetspot

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



48.1474, 30.5719, 18.1154



75.2131, 70.3756, 71.3067



57.7398, 33.7570, 98.0799



15.5563, 14.2567, 14.2240



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.



48.1474, 30.5719, 18.1154



44.5698, 25.5028, 10.4904



55.7050, 46.8846, 16.9425



18.0785, 18.0147, 19.0305



21.6573, 11.1522, 1.5800



2.1309, 1.0947, 0.2705

Inverse Universe

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



48.1474, 30.5719, 18.1154



44.5698, 25.5028, 10.4904



41.4019, 46.9166, 101.4811



18.0785, 18.0147, 19.0305



21.6573, 11.1522, 1.5800



2.1309, 1.0947, 0.2705

Previews

White Background



This preview shows how the XYZ color 48.1467, 30.5702, 18.1149 looks on a white background.

Color Contrast Check

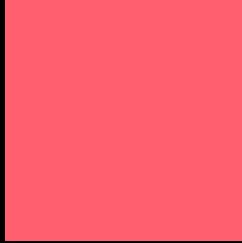
Large Text (above 18pt) WCAG AA × Fail

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 48.1467, 30.5702, 18.1149 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 48.1467, 30.5702, 18.1149

Background



This preview shows how black text looks on a background with the XYZ color 48.1467, 30.5702, 18.1149.



This preview shows how white text looks on a background with the XYZ color 48.1467, 30.5702,

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

48.1467, 30.5702, 18.1149

Protanopia

29.1841, 30.7301, 27.3150

Deuteranopia

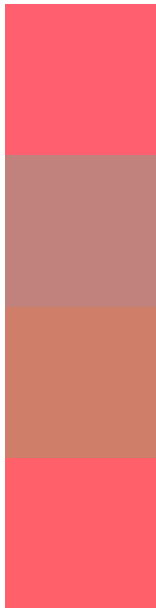
31.1939, 30.6091, 16.8344



Tritanopia

47.8211, 30.5851, 15.9534

Trichromacy



Original Color

48.1467, 30.5702, 18.1149

Protanomaly

33.7408, 28.8091, 23.5210

Deuteranomaly

35.7428, 29.2070, 17.1183

Tritanomaly

47.9727, 30.6457, 16.7514

Monochromacy



Original Color

48.1467, 30.5702, 18.1149

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

31.7618, 27.1590, 25.3980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1467, 30.5702, 18.1149 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, 95, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 110)  
}
```

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, 95, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 110) }
```

Border

The CSS property to change the border of an element to XYZ 48.1467, 30.5702, 18.1149 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, 95, 110) }
```


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

```
.border{ border-color:rgb(255, 95, 110) }
```

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

Here you see how a box with a 4 pixel rgb(255, 95, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1467, 30.5702, 18.1149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 110) }
```

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

```
.background{ background-color: rgb(255, 95,  
110) }
```

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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