

Converting Colors

XYZ(48.3174, 30.6782, 18.8912)

Have a look what the booklet for
XYZ(48.3174, 30.6782, 18.8912)
contains.

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Color

**XYZ(48.3128, 30.6367,
18.9899)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5F71
RGB	255, 95, 113
RGB Percent	100%, 37%, 44%
CMY	0.0000, 0.6274, 0.5569
CMYK	0.00, 0.63, 0.56, 0.00
HSL	353°, 100%, 69%
HSV	353°, 63%, 100%
XYZ	48.3128, 30.6367, 18.9899
YIQ	144.8920, 89.5820, 39.5180

Conversions

Conversions Part 2

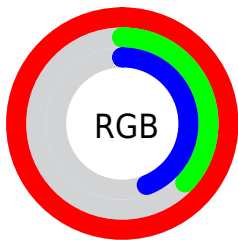
Format	Color
R _Y B	255, 95, 113
Decimal	16736113
CIE Lab	62.20, 61.97, 23.08
CIE LCh	62, 66.128, 20.432
Yxy	30.6367, 0.4933, 0.3128
Android (android.graphics.Color)	4294926193 (0xFFFF5F71)
YUV	144.8920, -15.7228, 96.5647
Hunter-Lab	55.3504, 58.9410, 18.4038

Details

The XYZ color **48.3128, 30.6367, 18.9899** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted rose. A complement of this color would be **55.7675, 80.0679, 92.6429**, and the grayscale version is **26.9076, 28.3089, 30.8284**.

A 20% lighter version of the original color is **59.2598, 46.4331, 41.4365**, and **23.1823, 12.5681, 6.2051** is the 20% darker color. If you saturate the color by 10%, you get **45.2606, 26.3236, 12.4507**, and if you desaturate by 10%, it is **52.4356, 36.5830, 27.4537**.

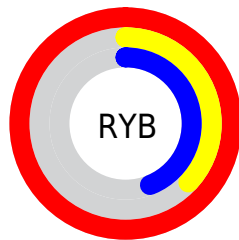
Distribution



Red (100%)

Green (37%)

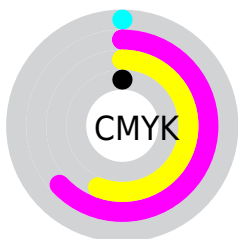
Blue (44%)



Red (100%)

Yellow (37%)

Blue (44%)

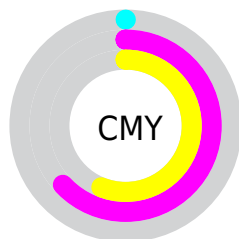


Cyan (0%)

Magenta (63%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (63%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3128, 30.6367, 18.9899 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 48.3128, 30.6367, 18.9899 by changing the saturation by 10% instead.


 48.3128, 30.6367,
18.9899


 48.3128, 30.6367,
18.9899


370.5926,
304.8611, 258.8139


 34.2869, 20.3224,
11.4862


 86.8768, 60.6676,
42.5535


 23.2781, 12.6296,
6.2766


 112.1457, 81.1530,
59.4505

 14.9208, 7.1740,
2.9425


 141.8930,
105.7976, 80.3158

 8.8498, 3.5711,
1.0654

 176.4840,
134.9856, 105.5677

 4.6996, 1.4367,
0.0000

216.2841,
169.1016, 135.6250

 2.1051, 0.2435,
0.0000

261.6587,

 0.6920, 0.0000,

208.5299, 170.9061

0.0000

312.9731,
253.6549, 211.8295

■ 0.0000, 0.0000,
0.0000

■ 48.3128, 30.6367,
18.9899

■ 48.3128, 30.6367,
18.9899

■ 45.2606, 26.3236,
12.4507

■ 52.4356, 36.5830,
27.4537

■ 43.1761, 23.4761,
7.6824

■ 57.7147, 44.2985,
37.9764

■ 41.9401, 21.8995,
4.5096

■ 64.2292, 53.9108,
50.6819

■ 41.4575, 21.3470,
3.0767

■ 72.0511, 65.5341,
65.6840

■ 81.2466, 79.2737,
83.0882

91.8772, 95.2276,
102.9940

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



49.4994, 30.6367, 42.1998



48.3128, 30.6367, 18.9899



41.4574, 30.6367, 8.0242

Triad

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



48.3128, 30.6367, 18.9899



17.8052, 30.6367, 10.8435



26.3625, 30.6367, 108.9400

Complementary

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



48.3128, 30.6367, 18.9899



55.7675, 80.0679, 92.6429

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.



19.5097, 30.6367, 87.3027



48.3128, 30.6367, 18.9899



15.2779, 30.6367, 25.8467

Square

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



48.3128, 30.6367, 18.9899



23.5368, 30.6367, 5.2642



15.8308, 30.6367, 53.5939



35.5213, 30.6367, 103.7312

Rectangle

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



48.3128, 30.6367, 18.9899



35.2447, 30.6367, 5.1906



15.8308, 30.6367, 53.5939



23.7481, 30.6367, 104.2714

Sweetspot

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



48.3136, 30.6384, 18.9904



75.3274, 70.4213, 71.9086



56.8461, 33.2963, 98.0378



15.5833, 14.2675, 14.3662



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.



48.3136, 30.6384, 18.9904



44.7092, 25.5586, 11.2246



55.2513, 45.9773, 16.7914



18.0924, 18.0203, 19.1038



21.6889, 11.1648, 1.7462



2.1374, 1.0973, 0.3050

Inverse Universe

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



48.3136, 30.6384, 18.9904



44.7092, 25.5586, 11.2246



41.9887, 48.0903, 101.6765



18.0924, 18.0203, 19.1038



21.6889, 11.1648, 1.7462



2.1374, 1.0973, 0.3050

Previews

White Background



This preview shows how the XYZ color 48.3128, 30.6367, 18.9899 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 48.3128, 30.6367, 18.9899 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 48.3128, 30.6367, 18.9899

Background



This preview shows how black text looks on a background with the XYZ color 48.3128, 30.6367, 18.9899.



This preview shows how white text looks on a background with the XYZ color 48.3128, 30.6367,

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

48.3128, 30.6367, 18.9899

Protanopia

29.2768, 30.7447, 28.8174

Deuteranopia

31.3455, 30.6697, 17.6324



Tritanopia

47.5959, 30.5995, 16.2297

Trichromacy



Original Color

48.3128, 30.6367, 18.9899

Protanomaly

33.7501, 28.7834, 24.8960

Deuteranomaly

35.8998, 29.2698, 17.9449

Tritanomaly

47.7098, 30.4981, 17.2821

Monochromacy



Original Color

48.3128, 30.6367, 18.9899

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

31.8306, 27.1865, 25.7602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3128, 30.6367, 18.9899 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 113) }
```

Border

The CSS property to change the border of an element to XYZ 48.3128, 30.6367, 18.9899 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, 113) }
```


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

```
.border{ border-color:rgb(255, 95, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3128, 30.6367, 18.9899 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, 113) }
```

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

```
.background{ background-color: rgb(255, 95,  
113) }
```

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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