

Converting Colors

$Y_{xy}(38.1545, 0.5152, 0.3148)$

Have a look what the booklet for
Yxy(38.1545, 0.5152, 0.3148)
contains.

Yxy(31.0703, 0.4882, 0.3117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.0703, 0.4882, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	FF6174
RGB	255, 97, 116
RGB Percent	100%, 38%, 45%
CMY	0.0000, 0.6195, 0.5452
CMYK	0.00, 0.62, 0.55, 0.00
HSL	353°, 100%, 69%
HSV	353°, 62%, 100%
XYZ	48.6638, 31.0703, 19.9460
YIQ	146.4080, 88.0690, 39.4050

Conversions

Conversions Part 2

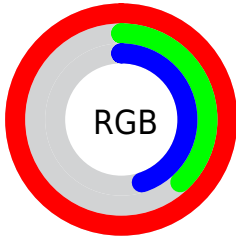
Format	Color
R _Y B	255, 97, 116
Decimal	16736628
CIE _{Lab}	62.57, 61.35, 21.87
CIE _{LCh}	63, 65.132, 19.623
Y _{xy}	31.0703, 0.4882, 0.3117
Android (android.graphics.Color)	4294926708 (0xFFFF6174)
YUV	146.4080, -14.9911, 95.2352
Hunter-Lab	55.7407, 58.2912, 17.8025

Details

The Yxy color **31.0703, 0.4882, 0.3117** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.1166, 0.2450, 0.3516**, and the grayscale version is **28.9586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.1984, 0.3989, 0.3145**, and **12.8259, 0.5448, 0.2988** is the 20% darker color. If you saturate the color by 10%, you get **26.6314, 0.5332, 0.3119**, and if you desaturate by 10%, it is **37.1525, 0.4458, 0.3132**.

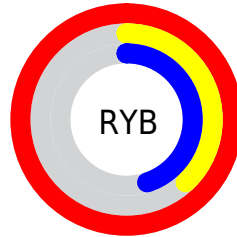
Distribution



Red (100%)

Green (38%)

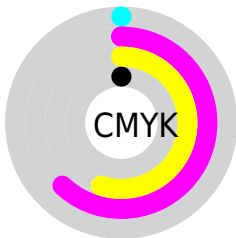
Blue (45%)



Red (100%)

Yellow (38%)

Blue (45%)

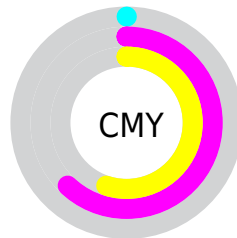


Cyan (0%)

Magenta (62%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (62%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0703, 0.4882, 0.3117 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 Yxy color 31.0703, 0.4882, 0.3117 by changing the saturation by 10% instead.


 31.0703, 0.4882,
0.3117


 31.0703, 0.4882,
0.3117


306.8621, 0.3944,
0.3254


 20.6524, 0.5129,
0.3065


 61.3507, 0.4530,
0.3180


 12.8701, 0.5451,
0.2986


 81.9820, 0.4401,
0.3200

 7.3392, 0.5881,
0.2862


 106.7866, 0.4293,
0.3215

 3.6751, 0.6473,
0.2654

 136.1488, 0.4202,
0.3226

 1.4935, 0.7617,
0.2383

170.4531, 0.4123,
0.3235

 0.2842, 0.8832,
0.1168

210.0838, 0.4056,

 0.0000, 1.0000,

0.3243


0.0000


255.4253, 0.3996,
0.3249

 0.0000, 0.0000,
0.0000

 31.0703, 0.4882,
0.3117


 31.0703, 0.4882,
0.3117


 26.6314, 0.5332,
0.3119


 37.1525, 0.4458,
0.3132


 23.6704, 0.5759,
0.3144


 45.0123, 0.4087,
0.3158

 21.9964, 0.6099,
0.3191

 54.7759, 0.3776,
0.3189

 21.3554, 0.6281,
0.3234

 66.5567, 0.3523,
0.3222

 80.4591, 0.3319,
0.3254

96.5804, 0.3155,
0.3284

99.9987, 0.3127,
0.3290

Harmonies

Analogous

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



31.0703, 0.4001, 0.2503



31.0703, 0.4882, 0.3117



31.0703, 0.5142, 0.3804

Triad

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



31.0703, 0.4882, 0.3117



31.0703, 0.3036, 0.5138



31.0703, 0.1603, 0.1875

Complementary

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



31.0703, 0.4882, 0.3117



80.1166, 0.2450, 0.3516

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.



31.0703, 0.1444, 0.2265



31.0703, 0.4882, 0.3117



31.0703, 0.2169, 0.4280

Square

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



31.0703, 0.4882, 0.3117



31.0703, 0.3977, 0.5112



31.0703, 0.1617, 0.3098



31.0703, 0.2090, 0.1823

Rectangle

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



31.0703, 0.4882, 0.3117



31.0703, 0.4944, 0.4283



31.0703, 0.1617, 0.3098



31.0703, 0.1515, 0.1962

Sweetspot

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



31.0720, 0.4882, 0.3117



70.4397, 0.3458, 0.3232



33.2532, 0.2998, 0.1773



14.2719, 0.3521, 0.3222



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.0720, 0.4882, 0.3117



25.9118, 0.5423, 0.3122



45.5460, 0.4676, 0.3865



18.0225, 0.3275, 0.3262



11.1704, 0.6256, 0.3220



1.0984, 0.6016, 0.3088

Inverse Universe

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



31.0720, 0.4882, 0.3117



25.9118, 0.5423, 0.3122



49.7261, 0.2207, 0.2555



18.0225, 0.3275, 0.3262



11.1704, 0.6256, 0.3220



1.0984, 0.6016, 0.3088

Previews

White Background



This preview shows how the Yxy color 31.0703, 0.4882, 0.3117 looks on a white background.

Color Contrast Check

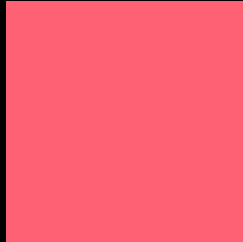
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 31.0703, 0.4882, 0.3117 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](#).

Yxy 31.0703, 0.4882, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 31.0703, 0.4882, 0.3117.



This preview shows how white text looks on a background with the Yxy color 31.0703, 0.4882, 0.3117.

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

31.0703, 0.4882, 0.3117

Protanopia

31.2543, 0.3275, 0.3429

Deuteranopia

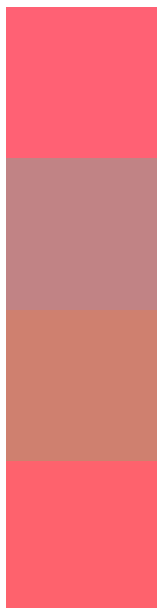
31.0368, 0.3898, 0.3822



Tritanopia

31.0144, 0.5002, 0.3240

Trichromacy



Original Color

31.0703, 0.4882, 0.3117

Protanomaly

29.2635, 0.3831, 0.3265

Deuteranomaly

29.8514, 0.4270, 0.3510

Tritanomaly

30.9103, 0.4958, 0.3193

Monochromacy



Original Color

31.0703, 0.4882, 0.3117

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.6267, 0.3738, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0703, 0.4882, 0.3117 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, 97, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 116)  
}
```

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, 97, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 116) }
```

Border

The CSS property to change the border of an element to Yxy 31.0703, 0.4882, 0.3117 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, 97, 116) }
```

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

```
.border{ border-color:rgb(255, 97, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 97, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0703, 0.4882, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 116) }
```

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

```
.background{ background-color: rgb(255, 97,  
116) }
```

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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