

Converting Colors

$Y_{xy}(52.8601, 0.5514, 0.3214)$

Have a look what the booklet for
Yxy(52.8601, 0.5514, 0.3214)
contains.

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Color

Yxy(31.1876, 0.4915, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	FF6271
RGB	255, 98, 113
RGB Percent	100%, 38%, 44%
CMY	0.0000, 0.6156, 0.5569
CMYK	0.00, 0.62, 0.56, 0.00
HSL	354°, 100%, 69%
HSV	354°, 62%, 100%
XYZ	48.5854, 31.1876, 19.0783
YIQ	146.6530, 88.7570, 37.9490

Conversions

Conversions Part 2

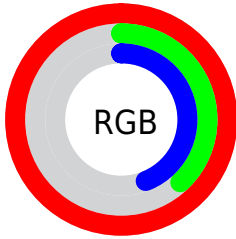
Format	Color
R _Y B	255, 98, 113
Decimal	16736881
CIE Lab	62.67, 60.71, 23.72
CIE LCh	63, 65.176, 21.338
Yxy	31.1876, 0.4915, 0.3155
Android (android.graphics.Color)	4294926961 (0xFFFF6271)
YUV	146.6530, -16.5909, 95.0203
Hunter-Lab	55.8459, 57.5633, 18.8372

Details

The Yxy color **31.1876, 0.4915, 0.3155** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.4046, 0.2437, 0.3467**, and the grayscale version is **29.0718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4193, 0.4016, 0.3187**, and **12.9113, 0.5491, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **26.6975, 0.5374, 0.3158**, and if you desaturate by 10%, it is **37.3324, 0.4481, 0.3166**.

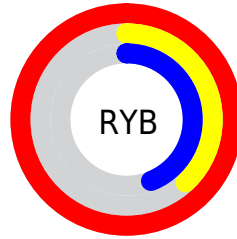
Distribution



Red (100%)

Green (38%)

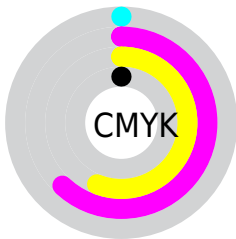
Blue (44%)



Red (100%)

Yellow (38%)

Blue (44%)

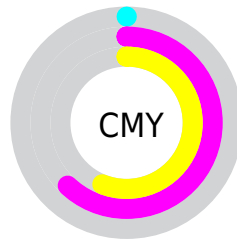


Cyan (0%)

Magenta (62%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1876, 0.4915, 0.3155 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 31.1876, 0.4915, 0.3155 by changing the saturation by 10% instead.

 31.1876, 0.4915,
0.3155


 31.1876, 0.4915,
0.3155


307.4017, 0.3961,
0.3276

 20.7417, 0.5166,
0.3105


 61.5353, 0.4557,
0.3213


 12.9354, 0.5491,
0.3029


 82.2060, 0.4426,
0.3230

 7.3840, 0.5924,
0.2907


 107.0536, 0.4316,
0.3244

 3.7034, 0.6515,
0.2699

 136.4628, 0.4223,
0.3253

 1.5091, 0.7592,
0.2408

170.8178, 0.4143,
0.3261

 0.2951, 0.8788,
0.1212

210.5030, 0.4074,

 0.0000, 1.0000,

0.3267

0.0000

255.9028, 0.4014,
0.3272

■ 0.0000, 0.0000,
0.0000

■ 31.1876, 0.4915,
0.3155

■ 31.1876, 0.4915,
0.3155

■ 26.6975, 0.5374,
0.3158

■ 37.3324, 0.4481,
0.3166

■ 23.6965, 0.5804,
0.3179

■ 45.2663, 0.4101,
0.3187

■ 21.9943, 0.6139,
0.3218

■ 55.1158, 0.3784,
0.3211

■ 21.3256, 0.6317,
0.3254

■ 66.9945, 0.3525,
0.3237

■ 81.0072, 0.3317,
0.3263

97.2514, 0.3150,
0.3286

99.9983, 0.3127,
0.3290

Harmonies

Analogous

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



31.1876, 0.4061, 0.2535



31.1876, 0.4915, 0.3155



31.1876, 0.5135, 0.3844

Triad

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



31.1876, 0.4915, 0.3155



31.1876, 0.2982, 0.5111



31.1876, 0.1622, 0.1864

Complementary

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



31.1876, 0.4915, 0.3155



80.4046, 0.2437, 0.3467

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.



31.1876, 0.1446, 0.2232



31.1876, 0.4915, 0.3155



31.1876, 0.2127, 0.4212

Square

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



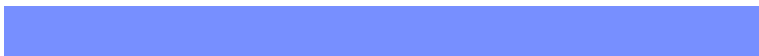
31.1876, 0.4915, 0.3155



31.1876, 0.3925, 0.5133



31.1876, 0.1598, 0.3038



31.1876, 0.2129, 0.1829

Rectangle

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



31.1876, 0.4915, 0.3155



31.1876, 0.4915, 0.4324



31.1876, 0.1598, 0.3038



31.1876, 0.1528, 0.1945

Sweetspot

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



31.1893, 0.4915, 0.3155



71.7384, 0.3445, 0.3246



34.3604, 0.3048, 0.1802



14.5215, 0.3510, 0.3239



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.



31.1893, 0.4915, 0.3155



25.8363, 0.5484, 0.3161



47.5632, 0.4622, 0.3915



18.0152, 0.3279, 0.3268



11.1533, 0.6295, 0.3242



1.0949, 0.6090, 0.3128

Inverse Universe

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



31.1893, 0.4915, 0.3155



25.8363, 0.5484, 0.3161



47.6054, 0.2196, 0.2490



18.0152, 0.3279, 0.3268



11.1533, 0.6295, 0.3242



1.0949, 0.6090, 0.3128

Previews

White Background



This preview shows how the Yxy color 31.1876, 0.4915, 0.3155 looks on a white background.

Color Contrast Check

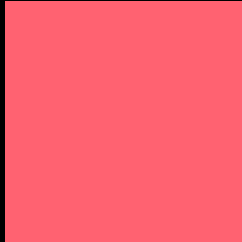
Large Text (above 18pt) WCAG AA × Fail

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 31.1876, 0.4915, 0.3155 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 31.1876, 0.4915, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 31.1876, 0.4915, 0.3155.



This preview shows how white text looks on a background with the Yxy color 31.1876, 0.4915, 0.3155.

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

31.1876, 0.4915, 0.3155

Protanopia

31.2373, 0.3325, 0.3490

Deuteranopia

31.0945, 0.3941, 0.3862



Tritanopia

31.2243, 0.4998, 0.3231

Trichromacy



Original Color

31.1876, 0.4915, 0.3155

Protanomaly

29.4250, 0.3875, 0.3333

Deuteranomaly

29.9309, 0.4317, 0.3546

Tritanomaly

31.2878, 0.4960, 0.3202

Monochromacy



Original Color

31.1876, 0.4915, 0.3155

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

27.8889, 0.3734, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1876, 0.4915, 0.3155 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, 98, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 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, 98, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 113) }
```

Border

The CSS property to change the border of an element to Yxy 31.1876, 0.4915, 0.3155 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, 98, 113) }
```

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

```
.border{ border-color:rgb(255, 98, 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, 98, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1876, 0.4915, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 113) }
```

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

```
.background{ background-color: rgb(255, 98,  
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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