

Converting Colors

Yxy(31.5498, 0.4861, 0.3134)

Have a look what the booklet for
Yxy(31.5498, 0.4861, 0.3134)
contains.

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Color

Yxy(31.4446, 0.4870, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	FF6374
RGB	255, 99, 116
RGB Percent	100%, 39%, 45%
CMY	0.0001, 0.6116, 0.5452
CMYK	0.00, 0.61, 0.55, 0.00
HSL	353°, 100%, 69%
HSV	353°, 61%, 100%
XYZ	48.8470, 31.4446, 20.0102
YIQ	147.5820, 87.5190, 38.3590

Conversions

Conversions Part 2

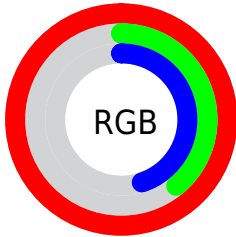
Format	Color
R _Y B	255, 99, 116
Decimal	16737140
CIE Lab	62.88, 60.50, 22.29
CIE LCh	63, 64.472, 20.229
Yxy	31.4446, 0.4870, 0.3135
Android (android.graphics.Color)	4294927220 (0xFFFF6374)
YUV	147.5820, -15.5699, 94.2056
Hunter-Lab	56.0755, 57.3580, 18.0956

Details

The Yxy color **31.4446, 0.4870, 0.3135** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.3353, 0.2448, 0.3491**, and the grayscale version is **29.4741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8641, 0.3982, 0.3166**, and **13.1410, 0.5439, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **26.8864, 0.5324, 0.3137**, and if you desaturate by 10%, it is **37.6602, 0.4444, 0.3149**.

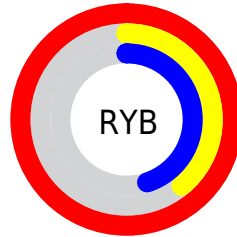
Distribution



Red (100%)

Green (39%)

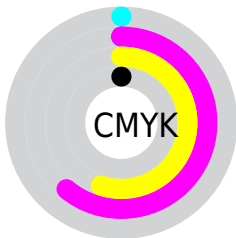
Blue (45%)



Red (100%)

Yellow (39%)

Blue (45%)

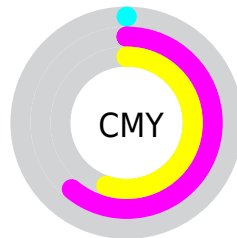


Cyan (0%)

Magenta (61%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (61%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4446, 0.4870, 0.3135 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 31.4446, 0.4870, 0.3135 by changing the saturation by 10% instead.


 31.4446, 0.4870,
0.3135


 31.4446, 0.4870,
0.3135


308.5814, 0.3940,
0.3263

 20.9376, 0.5115,
0.3085


 61.9394, 0.4521,
0.3194

 13.0784, 0.5433,
0.3010


 82.6960, 0.4393,
0.3213

 7.4826, 0.5858,
0.2890


 107.6379, 0.4286,
0.3227

 3.7657, 0.6441,
0.2688

 137.1496, 0.4196,
0.3237

 1.5434, 0.7572,
0.2428

171.6154, 0.4118,
0.3246

 0.3190, 0.8719,
0.1281

211.4197, 0.4051,


 0.0000, 1.0000,


0.3253


0.0000

256.9469, 0.3992,
0.3258


 0.0000, 0.0000,
0.0000

 31.4446, 0.4870,
0.3135


 31.4446, 0.4870,
0.3135


 26.8864, 0.5324,
0.3137


 37.6602, 0.4444,
0.3149

 23.8216, 0.5756,
0.3158


 45.6665, 0.4073,
0.3173

 22.0621, 0.6101,
0.3200

 55.5889, 0.3762,
0.3201

 21.3381, 0.6298,
0.3243

 67.5404, 0.3510,
0.3231

 81.6250, 0.3307,
0.3260

97.9397, 0.3144,
0.3287

99.9957, 0.3127,
0.3290

Harmonies

Analogous

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



31.4446, 0.4010, 0.2524



31.4446, 0.4870, 0.3135



31.4446, 0.5115, 0.3817

Triad

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



31.4446, 0.4870, 0.3135



31.4446, 0.3022, 0.5100



31.4446, 0.1626, 0.1887

Complementary

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



31.4446, 0.4870, 0.3135



80.3353, 0.2448, 0.3491

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.



31.4446, 0.1462, 0.2267



31.4446, 0.4870, 0.3135



31.4446, 0.2167, 0.4242

Square

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



31.4446, 0.4870, 0.3135



31.4446, 0.3953, 0.5097



31.4446, 0.1627, 0.3082



31.4446, 0.2116, 0.1840

Rectangle

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



31.4446, 0.4870, 0.3135



31.4446, 0.4915, 0.4291



31.4446, 0.1627, 0.3082



31.4446, 0.1536, 0.1972

Sweetspot

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



31.4463, 0.4870, 0.3135



71.7695, 0.3441, 0.3240



34.1162, 0.3025, 0.1799



14.5289, 0.3504, 0.3232



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.



31.4463, 0.4870, 0.3135



26.2203, 0.5407, 0.3139



46.8891, 0.4629, 0.3886



18.0191, 0.3277, 0.3264



11.1621, 0.6275, 0.3230



1.0968, 0.6050, 0.3106

Inverse Universe

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



31.4463, 0.4870, 0.3135



26.2203, 0.5407, 0.3139



48.9927, 0.2209, 0.2531



18.0191, 0.3277, 0.3264



11.1621, 0.6275, 0.3230



1.0968, 0.6050, 0.3106

Previews

White Background



This preview shows how the Yxy color 31.4446, 0.4870, 0.3135 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 31.4446, 0.4870, 0.3135 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 31.4446, 0.4870, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 31.4446, 0.4870, 0.3135.



This preview shows how white text looks on a background with the Yxy color 31.4446, 0.4870, 0.3135.

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

31.4446, 0.4870, 0.3135

Protanopia

31.6487, 0.3293, 0.3459

Deuteranopia

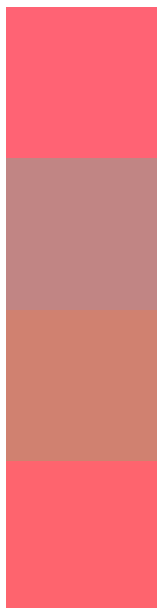
31.4857, 0.3893, 0.3819



Tritanopia

31.4397, 0.4964, 0.3239

Trichromacy



Original Color

31.4446, 0.4870, 0.3135

Protanomaly

29.7785, 0.3835, 0.3306

Deuteranomaly

30.2803, 0.4263, 0.3509

Tritanomaly

31.3110, 0.4933, 0.3201

Monochromacy



Original Color

31.4446, 0.4870, 0.3135

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.3076, 0.3730, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4446, 0.4870, 0.3135 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, 99, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 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, 99, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 116) }
```

Border

The CSS property to change the border of an element to Yxy 31.4446, 0.4870, 0.3135 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, 99, 116) }
```

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

```
.border{ border-color:rgb(255, 99, 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, 99, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
116) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 31.4446, 0.4870, 0.3135$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 116) }
```

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

```
.background{ background-color: rgb(255, 99,  
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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