

Converting Colors

Yxy(31.0472, 0.4895, 0.3126)

Have a look what the booklet for
Yxy(31.0472, 0.4895, 0.3126)
contains.

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Color

Yxy(31.0472, 0.4895, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	FF6173
RGB	255, 97, 115
RGB Percent	100%, 38%, 45%
CMY	0.0000, 0.6197, 0.5489
CMYK	0.00, 0.62, 0.55, 0.00
HSL	353°, 100%, 69%
HSV	353°, 62%, 100%
XYZ	48.6168, 31.0472, 19.6553
YIQ	146.2940, 88.3900, 39.0940

Conversions

Conversions Part 2

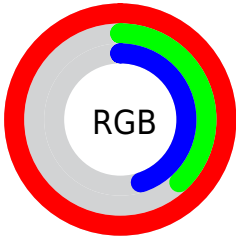
Format	Color
R _Y B	255, 97, 115
Decimal	16736627
CIE Lab	62.55, 61.30, 22.39
CIE LCh	63, 65.266, 20.067
Yxy	31.0472, 0.4895, 0.3126
Android (android.graphics.Color)	4294926707 (0xFFFF6173)
YUV	146.2940, -15.4279, 95.3352
Hunter-Lab	55.7200, 58.2346, 18.0894

Details

The Yxy color **31.0472, 0.4895, 0.3126** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.1727, 0.2447, 0.3505**, and the grayscale version is **28.9045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.1612, 0.4000, 0.3156**, and **12.8138, 0.5467, 0.3000** is the 20% darker color. If you saturate the color by 10%, you get **26.6083, 0.5347, 0.3129**, and if you desaturate by 10%, it is **37.1214, 0.4468, 0.3140**.

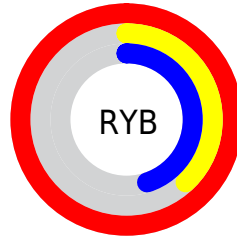
Distribution



Red (100%)

Green (38%)

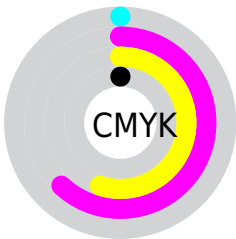
Blue (45%)



Red (100%)

Yellow (38%)

Blue (45%)

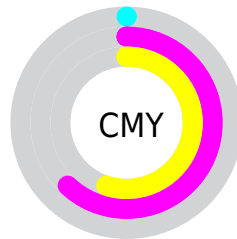


Cyan (0%)

Magenta (62%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0472, 0.4895, 0.3126 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 31.0472, 0.4895, 0.3126 by changing the saturation by 10% instead.

 31.0472, 0.4895,
0.3126


 31.0472, 0.4895,
0.3126


306.7557, 0.3950,
0.3259

 20.6348, 0.5144,
0.3074


 61.3144, 0.4540,
0.3188

 12.8573, 0.5467,
0.2996


 81.9379, 0.4410,
0.3207

 7.3304, 0.5900,
0.2872


 106.7340, 0.4302,
0.3222

 3.6696, 0.6492,
0.2663

 136.0870, 0.4210,
0.3233

 1.4905, 0.7617,
0.2383

170.3812, 0.4131,
0.3242

 0.2820, 0.8837,
0.1163

210.0012, 0.4063,


 0.0000, 1.0000,


0.3249


0.0000


255.3312, 0.4003,
0.3255


 0.0000, 0.0000,
0.0000

 31.0472, 0.4895,
0.3126


 31.0472, 0.4895,
0.3126

 26.6083, 0.5347,
0.3129


 37.1214, 0.4468,
0.3140


 23.6528, 0.5774,
0.3153

 44.9792, 0.4094,
0.3165

 21.9848, 0.6112,
0.3198

 54.7424, 0.3781,
0.3194

 21.3492, 0.6290,
0.3239

 66.5246, 0.3526,
0.3225

 80.4304, 0.3320,
0.3256

96.5571, 0.3156,
0.3285

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



31.0472, 0.4018, 0.2510



31.0472, 0.4895, 0.3126



31.0472, 0.5145, 0.3814

Triad

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



31.0472, 0.4895, 0.3126



31.0472, 0.3021, 0.5136



31.0472, 0.1605, 0.1869

Complementary

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



31.0472, 0.4895, 0.3126



80.1727, 0.2447, 0.3505

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.



31.0472, 0.1441, 0.2254



31.0472, 0.4895, 0.3126



31.0472, 0.2155, 0.4265

Square

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



31.0472, 0.4895, 0.3126



31.0472, 0.3964, 0.5121



31.0472, 0.1609, 0.3081



31.0472, 0.2098, 0.1822

Rectangle

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



31.0472, 0.4895, 0.3126



31.0472, 0.4941, 0.4294



31.0472, 0.1609, 0.3081



31.0472, 0.1515, 0.1955

Sweetspot

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



31.0443, 0.4895, 0.3126



70.4254, 0.3460, 0.3235



33.6958, 0.3023, 0.1784



14.2685, 0.3524, 0.3226



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.



31.0443, 0.4895, 0.3126



25.8935, 0.5438, 0.3132



46.4251, 0.4656, 0.3891



18.0208, 0.3276, 0.3263



11.1661, 0.6266, 0.3225



1.0976, 0.6033, 0.3097

Inverse Universe

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



31.0443, 0.4895, 0.3126



25.8935, 0.5438, 0.3132



48.5341, 0.2199, 0.2519



18.0208, 0.3276, 0.3263



11.1661, 0.6266, 0.3225



1.0976, 0.6033, 0.3097

Previews

White Background



This preview shows how the Yxy color 31.0472, 0.4895, 0.3126 looks on a white background.

Color Contrast Check

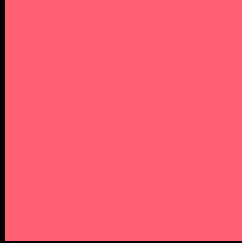
Large Text (above 18pt) WCAG AA × Fail

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 31.0472, 0.4895, 0.3126 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 31.0472, 0.4895, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 31.0472, 0.4895, 0.3126.



This preview shows how white text looks on a background with the Yxy color 31.0472, 0.4895, 0.3126.

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

31.0472, 0.4895, 0.3126

Protanopia

31.2244, 0.3285, 0.3444

Deuteranopia

31.0156, 0.3909, 0.3836



Tritanopia

31.0144, 0.5002, 0.3240

Trichromacy



Original Color

31.0472, 0.4895, 0.3126

Protanomaly

29.2360, 0.3843, 0.3278

Deuteranomaly

29.8295, 0.4282, 0.3522

Tritanomaly

30.9103, 0.4958, 0.3193

Monochromacy



Original Color

31.0472, 0.4895, 0.3126

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 31.0472, 0.4895, 0.3126 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 115) }
```

Border

The CSS property to change the border of an element to Yxy 31.0472, 0.4895, 0.3126 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, 115) }
```

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

```
.border{ border-color:rgb(255, 97, 115) }
```

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, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0472, 0.4895, 0.3126 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, 115) }
```

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

```
.background{ background-color: rgb(255, 97,  
115) }
```

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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