

Converting Colors

$Y_{xy}(31.0876, 0.5028, 0.3246)$

Have a look what the booklet for
Yxy(31.0876, 0.5028, 0.3246)
contains.

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Color

Yxy(30.9948, 0.5030, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	FF6268
RGB	255, 98, 104
RGB Percent	100%, 38%, 41%
CMY	0.0000, 0.6156, 0.5923
CMYK	0.00, 0.62, 0.59, 0.00
HSL	358°, 100%, 69%
HSV	358°, 62%, 100%
XYZ	48.1036, 30.9948, 16.5350
YIQ	145.6270, 91.6460, 35.1500

Conversions

Conversions Part 2

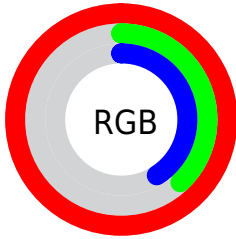
Format	Color
R _Y B	255, 98, 104
Decimal	16736872
CIE Lab	62.50, 60.08, 28.65
CIE LCh	63, 66.562, 25.492
Yxy	30.9948, 0.5030, 0.3241
Android (android.graphics.Color)	4294926952 (0xFFFF6268)
YUV	145.6270, -20.5221, 95.9201
Hunter-Lab	55.6730, 56.8033, 21.3618

Details

The Yxy color **30.9948, 0.5030, 0.3241** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.9565, 0.2402, 0.3358**, and the grayscale version is **28.6431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.0692, 0.4119, 0.3293**, and **12.8250, 0.5631, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **26.5319, 0.5505, 0.3244**, and if you desaturate by 10%, it is **37.1254, 0.4571, 0.3244**.

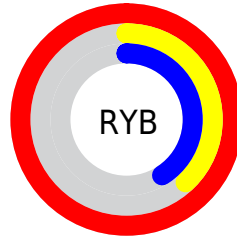
Distribution



Red (100%)

Green (38%)

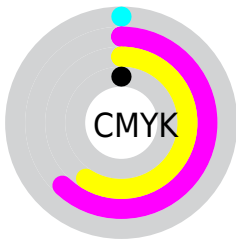
Blue (41%)



Red (100%)

Yellow (38%)

Blue (41%)

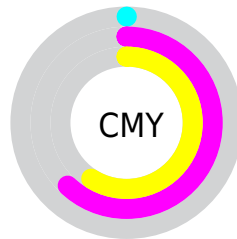


Cyan (0%)

Magenta (62%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9948, 0.5030, 0.3241 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 30.9948, 0.5030, 0.3241 by changing the saturation by 10% instead.


 30.9948, 0.5030,
0.3241


 30.9948, 0.5030,
0.3241


306.5144, 0.4016,
0.3329


 20.5949, 0.5293,
0.3195


 61.2319, 0.4652,
0.3290

 12.8282, 0.5632,
0.3121


 81.8378, 0.4512,
0.3303

 7.3104, 0.6077,
0.2996


 106.6146, 0.4395,
0.3312

 3.6569, 0.6679,
0.2781

 135.9466, 0.4296,
0.3319

 1.4836, 0.7583,
0.2417

170.2182, 0.4211,
0.3323

 0.2771, 0.8824,
0.1176

209.8137, 0.4137,

 0.0000, 1.0000,

0.3326

0.0000

255.1176, 0.4073,
0.3328

■ 0.0000, 0.0000,
0.0000

■ 30.9948, 0.5030,
0.3241

■ 30.9948, 0.5030,
0.3241

■ 26.5319, 0.5505,
0.3244

■ 37.1254, 0.4571,
0.3244

■ 23.5684, 0.5931,
0.3255

■ 45.0603, 0.4166,
0.3251

■ 21.9102, 0.6237,
0.3273

■ 54.9280, 0.3826,
0.3260

■ 21.2801, 0.6374,
0.3285

■ 66.8439, 0.3550,
0.3270

■ 80.9143, 0.3328,
0.3279

97.2381, 0.3151,
0.3289

99.9989, 0.3127,
0.3290

Harmonies

Analogous

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



30.9948, 0.4228, 0.2600



30.9948, 0.5030, 0.3241



30.9948, 0.5150, 0.3946

Triad

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



30.9948, 0.5030, 0.3241



30.9948, 0.2841, 0.5082



30.9948, 0.1646, 0.1815

Complementary

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



30.9948, 0.5030, 0.3241



80.9565, 0.2402, 0.3358

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.



30.9948, 0.1422, 0.2133



30.9948, 0.5030, 0.3241



30.9948, 0.2006, 0.4063

Square

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



30.9948, 0.5030, 0.3241



30.9948, 0.3804, 0.5219



30.9948, 0.1526, 0.2886



30.9948, 0.2209, 0.1821

Rectangle

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



30.9948, 0.5030, 0.3241



30.9948, 0.4870, 0.4435



30.9948, 0.1526, 0.2886



30.9948, 0.1536, 0.1880

Sweetspot

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



30.9965, 0.5030, 0.3241



71.6051, 0.3465, 0.3273



35.7591, 0.3121, 0.1835



14.4898, 0.3534, 0.3270



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.



30.9965, 0.5030, 0.3241



25.6786, 0.5616, 0.3246



50.3898, 0.4561, 0.3993



17.9982, 0.3289, 0.3281



11.1247, 0.6363, 0.3279



1.0869, 0.6272, 0.3229

Inverse Universe

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



30.9965, 0.5030, 0.3241



25.6786, 0.5616, 0.3246



44.2460, 0.2172, 0.2384



17.9982, 0.3289, 0.3281



11.1247, 0.6363, 0.3279



1.0869, 0.6272, 0.3229

Previews

White Background



This preview shows how the Yxy color 30.9948, 0.5030, 0.3241 looks on a white background.

Color Contrast Check

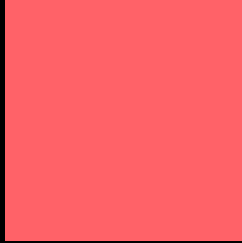
Large Text (above 18pt) WCAG AA × Fail

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 30.9948, 0.5030, 0.3241 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 30.9948, 0.5030, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 30.9948, 0.5030, 0.3241.



This preview shows how white text looks on a background with the Yxy color 30.9948, 0.5030, 0.3241.

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

30.9948, 0.5030, 0.3241

Protanopia

31.1391, 0.3455, 0.3660

Deuteranopia

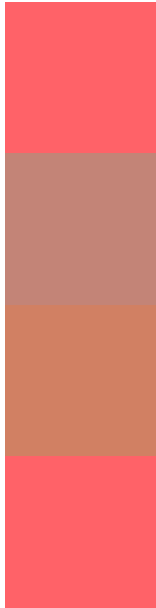
31.1626, 0.4055, 0.3978



Tritanopia

30.9948, 0.5030, 0.3241

Trichromacy



Original Color

30.9948, 0.5030, 0.3241

Protanomaly

29.4365, 0.4017, 0.3469

Deuteranomaly

29.8945, 0.4432, 0.3654

Tritanomaly

30.9948, 0.5030, 0.3241

Monochromacy



Original Color

30.9948, 0.5030, 0.3241

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.7783, 0.3783, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9948, 0.5030, 0.3241 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, 104)` looks like.

```
.text, #text, p{  
  color:rgb(255, 98, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 104) }
```

Border

The CSS property to change the border of an element to Yxy 30.9948, 0.5030, 0.3241 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, 104) }
```

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

```
.border{ border-color:rgb(255, 98, 104) }
```

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, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9948, 0.5030, 0.3241 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, 104) }
```

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

```
.background{ background-color: rgb(255, 98,  
104) }
```

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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