

Converting Colors

Yxy(30.3627, 0.5032, 0.3192)

Have a look what the booklet for
Yxy(30.3627, 0.5032, 0.3192)
contains.

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Color

Yxy(30.3060, 0.5030, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	FF5E6A
RGB	255, 94, 106
RGB Percent	100%, 37%, 42%
CMY	0.0000, 0.6314, 0.5842
CMYK	0.00, 0.63, 0.58, 0.00
HSL	356°, 100%, 68%
HSV	356°, 63%, 100%
XYZ	47.8466, 30.3060, 16.9698
YIQ	143.5070, 92.1040, 37.8640

Conversions

Conversions Part 2

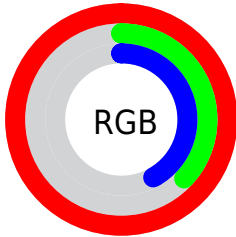
Format	Color
R_{YB}	255, 94, 106
Decimal	16735850
CIE Lab	61.92, 61.90, 26.71
CIE LCh	62, 67.414, 23.341
Yxy	30.3060, 0.5030, 0.3186
Android (android.graphics.Color)	4294925930 (0xFFFF5E6A)
YUV	143.5070, -18.4910, 97.7794
Hunter-Lab	55.0509, 58.8013, 20.2590

Details

The Yxy color **30.3060, 0.5030, 0.3186** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **80.3695, 0.2414, 0.3431**, and the grayscale version is **27.7303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.8275, 0.4115, 0.3230**, and **12.4508, 0.5639, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **26.0709, 0.5494, 0.3192**, and if you desaturate by 10%, it is **36.1749, 0.4580, 0.3193**.

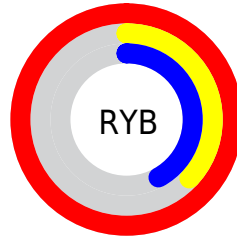
Distribution



Red (100%)

Green (37%)

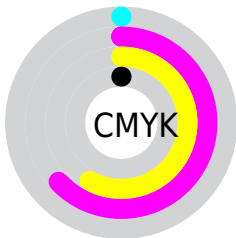
Blue (42%)



Red (100%)

Yellow (37%)

Blue (42%)

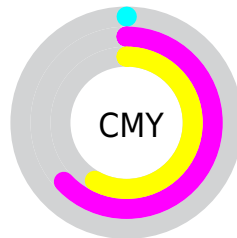


Cyan (0%)

Magenta (63%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (63%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3060, 0.5030, 0.3186 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 30.3060, 0.5030, 0.3186 by changing the saturation by 10% instead.


 30.3060, 0.5030,
0.3186


 30.3060, 0.5030,
0.3186


303.3282, 0.4012,
0.3300


 20.0710, 0.5296,
0.3134


 60.1458, 0.4649,
0.3244


 12.4466, 0.5640,
0.3053


 80.5193, 0.4509,
0.3261

 7.0486, 0.6094,
0.2921


 105.0411, 0.4391,
0.3273

 3.4925, 0.6709,
0.2693

 134.0956, 0.4292,
0.3282

 1.3940, 0.7675,
0.2325

168.0671, 0.4207,
0.3288

 0.2123, 0.9061,
0.0939

207.3402, 0.4133,

 0.0000, 1.0000,

0.3293

0.0000

252.2990, 0.4069,
0.3297

■ 0.0000, 0.0000,
0.0000

■ 30.3060, 0.5030,
0.3186

■ 30.3060, 0.5030,
0.3186

■ 26.0709, 0.5494,
0.3192

■ 36.1749, 0.4580,
0.3193

■ 23.3019, 0.5912,
0.3212

■ 43.8184, 0.4182,
0.3207


■ 21.7994, 0.6216,
0.3245

■ 53.3648, 0.3846,
0.3226

■ 21.3072, 0.6342,
0.3267

■ 64.9299, 0.3572,
0.3246

■ 78.6203, 0.3351,
0.3266

 94.5351, 0.3175,
0.3284

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.



30.3060, 0.4173, 0.2545



30.3060, 0.5030, 0.3186



30.3060, 0.5200, 0.3896

Triad

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



30.3060, 0.5030, 0.3186



30.3060, 0.2900, 0.5167



30.3060, 0.1596, 0.1802

Complementary

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



30.3060, 0.5030, 0.3186



80.3695, 0.2414, 0.3431

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.



30.3060, 0.1393, 0.2150



30.3060, 0.5030, 0.3186



30.3060, 0.2035, 0.4171

Square

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



30.3060, 0.5030, 0.3186



30.3060, 0.3877, 0.5230



30.3060, 0.1521, 0.2948



30.3060, 0.2139, 0.1789

Rectangle

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



30.3060, 0.5030, 0.3186



30.3060, 0.4938, 0.4393



30.3060, 0.1521, 0.2948



30.3060, 0.1493, 0.1876

Sweetspot

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



30.3068, 0.5030, 0.3186



70.3294, 0.3475, 0.3254



34.0294, 0.3070, 0.1785



14.2458, 0.3541, 0.3248



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.



30.3068, 0.5030, 0.3186



25.1361, 0.5622, 0.3196



47.5874, 0.4652, 0.3951



18.0091, 0.3283, 0.3273



11.1413, 0.6323, 0.3257



1.0921, 0.6154, 0.3164

Inverse Universe

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



30.3068, 0.5030, 0.3186



25.1361, 0.5622, 0.3196



45.5310, 0.2168, 0.2429



18.0091, 0.3283, 0.3273



11.1413, 0.6323, 0.3257



1.0921, 0.6154, 0.3164

Previews

White Background



This preview shows how the Yxy color 30.3060, 0.5030, 0.3186 looks on a white background.

Color Contrast Check

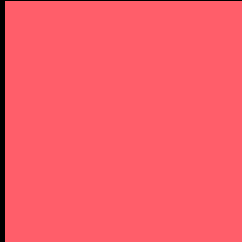
Large Text (above 18pt) WCAG AA × Fail

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 30.3060, 0.5030, 0.3186 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 30.3060, 0.5030, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 30.3060, 0.5030, 0.3186.



This preview shows how white text looks on a background with the Yxy color 30.3060, 0.5030, 0.3186.

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

30.3060, 0.5030, 0.3186

Protanopia

30.3017, 0.3388, 0.3571

Deuteranopia

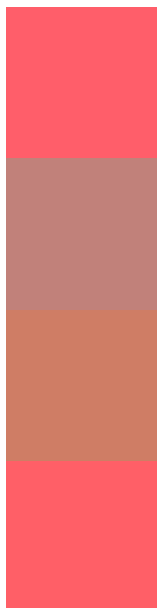
30.2301, 0.4015, 0.3934



Tritanopia

30.3840, 0.5087, 0.3242

Trichromacy



Original Color

30.3060, 0.5030, 0.3186

Protanomaly

28.4431, 0.3974, 0.3388

Deuteranomaly

28.8722, 0.4410, 0.3595

Tritanomaly

30.4237, 0.5062, 0.3223

Monochromacy



Original Color

30.3060, 0.5030, 0.3186

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.7238, 0.3784, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3060, 0.5030, 0.3186 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, 94, 106)` looks like.

```
.text, #text, p{  
  color:rgb(255, 94, 106)  
}
```

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, 94, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 106) }
```

Border

The CSS property to change the border of an element to Yxy 30.3060, 0.5030, 0.3186 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, 94, 106) }
```

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

```
.border{ border-color:rgb(255, 94, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3060, 0.5030, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 106) }
```

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

```
.background{ background-color: rgb(255, 94,  
106) }
```

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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