

Converting Colors

Yxy(30.7444, 0.4928, 0.3133)

Have a look what the booklet for
Yxy(30.7444, 0.4928, 0.3133)
contains.

Yxy(30.8180, 0.4927, 0.3137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.8180, 0.4927, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	FF6071
RGB	255, 96, 113
RGB Percent	100%, 38%, 44%
CMY	0.0000, 0.6235, 0.5569
CMYK	0.00, 0.62, 0.56, 0.00
HSL	354°, 100%, 69%
HSV	354°, 62%, 100%
XYZ	48.4030, 30.8180, 19.0193
YIQ	145.4790, 89.3070, 38.9950

Conversions

Conversions Part 2

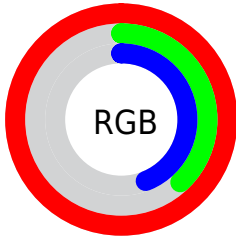
Format	Color
R _Y B	255, 96, 113
Decimal	16736369
CIE Lab	62.35, 61.55, 23.29
CIE LCh	62, 65.812, 20.728
Yxy	30.8180, 0.4927, 0.3137
Android (android.graphics.Color)	4294926449 (0xFFFF6071)
YUV	145.4790, -16.0121, 96.0499
Hunter-Lab	55.5140, 58.4860, 18.5468

Details

The Yxy color **30.8180, 0.4927, 0.3137** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.1800, 0.2440, 0.3492**, and the grayscale version is **28.5617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.7591, 0.4024, 0.3166**, and **12.6758, 0.5515, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **26.4463, 0.5382, 0.3141**, and if you desaturate by 10%, it is **36.8302, 0.4495, 0.3149**.

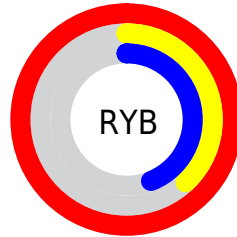
Distribution



Red (100%)

Green (38%)

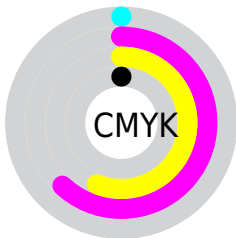
Blue (44%)



Red (100%)

Yellow (38%)

Blue (44%)

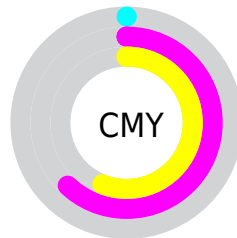


Cyan (0%)

Magenta (62%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8180, 0.4927, 0.3137 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 30.8180, 0.4927, 0.3137 by changing the saturation by 10% instead.


 30.8180, 0.4927,
0.3137


 30.8180, 0.4927,
0.3137


305.6990, 0.3965,
0.3267


 20.4603, 0.5180,
0.3085


 60.9534, 0.4566,
0.3199

 12.7301, 0.5509,
0.3006


 81.4999, 0.4433,
0.3217

 7.2429, 0.5948,
0.2879


 106.2115, 0.4323,
0.3231

 3.6145, 0.6546,
0.2665

 135.4725, 0.4229,
0.3242

 1.4603, 0.7637,
0.2363

169.6674, 0.4149,
0.3251

 0.2606, 0.8904,
0.1096

209.1805, 0.4079,

 0.0000, 1.0000,

0.3257

0.0000

254.3962, 0.4018,
0.3263

0.0000, 0.0000,
0.0000

30.8180, 0.4927,
0.3137

30.8180, 0.4927,
0.3137

26.4463, 0.5382,
0.3141

36.8302, 0.4495,
0.3149

23.5480, 0.5807,
0.3165

44.6181, 0.4116,
0.3172

21.9299, 0.6137,
0.3208

54.3091, 0.3798,
0.3199

21.3399, 0.6301,
0.3245

66.0172, 0.3538,
0.3228

79.8474, 0.3329,
0.3257

 95.8977, 0.3161,
0.3284

99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



30.8180, 0.4051, 0.2514



30.8180, 0.4927, 0.3137



30.8180, 0.5161, 0.3831

Triad

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



30.8180, 0.4927, 0.3137



30.8180, 0.2996, 0.5149



30.8180, 0.1600, 0.1852

Complementary

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



30.8180, 0.4927, 0.3137



80.1800, 0.2440, 0.3492

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.



30.8180, 0.1428, 0.2230



30.8180, 0.4927, 0.3137



30.8180, 0.2128, 0.4250

Square

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



30.8180, 0.4927, 0.3137



30.8180, 0.3948, 0.5147



30.8180, 0.1587, 0.3054



30.8180, 0.2104, 0.1812

Rectangle

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



30.8180, 0.4927, 0.3137



30.8180, 0.4945, 0.4315



30.8180, 0.1587, 0.3054



30.8180, 0.1507, 0.1936

Sweetspot

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



30.8197, 0.4927, 0.3137



70.4076, 0.3463, 0.3238



33.4977, 0.3022, 0.1777



14.2643, 0.3527, 0.3230



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.



30.8197, 0.4927, 0.3137



25.5416, 0.5500, 0.3145



46.2036, 0.4668, 0.3893



18.0186, 0.3278, 0.3265



11.1609, 0.6278, 0.3232



1.0966, 0.6055, 0.3109

Inverse Universe

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



30.8197, 0.4927, 0.3137



25.5416, 0.5500, 0.3145



48.3146, 0.2194, 0.2514



18.0186, 0.3278, 0.3265



11.1609, 0.6278, 0.3232



1.0966, 0.6055, 0.3109

Previews

White Background



This preview shows how the Yxy color 30.8180, 0.4927, 0.3137 looks on a white background.

Color Contrast Check

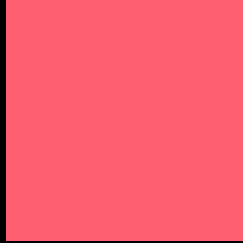
Large Text (above 18pt) WCAG AA × Fail

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 30.8180, 0.4927, 0.3137 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 30.8180, 0.4927, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 30.8180, 0.4927, 0.3137.



This preview shows how white text looks on a background with the Yxy color 30.8180, 0.4927, 0.3137.

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

30.8180, 0.4927, 0.3137

Protanopia

31.1654, 0.3304, 0.3475

Deuteranopia

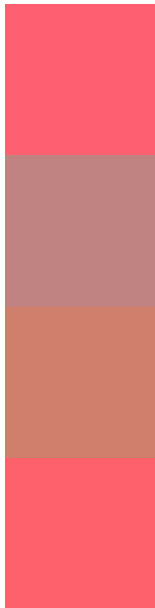
30.9740, 0.3930, 0.3864



Tritanopia

30.8057, 0.5021, 0.3240

Trichromacy



Original Color

30.8180, 0.4927, 0.3137

Protanomaly

29.1818, 0.3867, 0.3306

Deuteranomaly

29.5269, 0.4313, 0.3534

Tritanomaly

30.6818, 0.4990, 0.3203

Monochromacy



Original Color

30.8180, 0.4927, 0.3137

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.1865, 0.3755, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8180, 0.4927, 0.3137 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, 96, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 96, 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, 96, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 113) }
```

Border

The CSS property to change the border of an element to Yxy 30.8180, 0.4927, 0.3137 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, 96, 113) }
```

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

```
.border{ border-color:rgb(255, 96, 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, 96, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8180, 0.4927, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 96, 113) }
```

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

```
.background{ background-color: rgb(255, 96,  
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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