

Converting Colors

$Y_{xy}(30.2471, 0.4868, 0.3042)$

Have a look what the booklet for
Yxy(30.2471, 0.4868, 0.3042)
contains.

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Color

Yxy(30.2462, 0.4870, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	FF5C77
RGB	255, 92, 119
RGB Percent	100%, 36%, 47%
CMY	0.0000, 0.6393, 0.5333
CMYK	0.00, 0.64, 0.53, 0.00
HSL	350°, 100%, 68%
HSV	350°, 64%, 100%
XYZ	48.4058, 30.2462, 20.7439
YIQ	143.8150, 88.4810, 42.9530

Conversions

Conversions Part 2

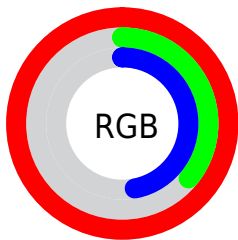
Format	Color
R _Y B	255, 92, 119
Decimal	16735351
CIE _{Lab}	61.87, 63.66, 19.17
CIE _{LCh}	62, 66.485, 16.758
Yxy	30.2462, 0.4870, 0.3043
Android (android.graphics.Color)	4294925431 (0xFFFF5C77)
YUV	143.8150, -12.2338, 97.5092
Hunter-Lab	54.9965, 60.8649, 16.1342

Details

The Yxy color **30.2462, 0.4870, 0.3043** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted rose. A complement of this color would be **79.3933, 0.2469, 0.3619**, and the grayscale version is **27.8288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.6952, 0.3976, 0.3062**, and **12.3567, 0.5438, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **26.0892, 0.5303, 0.3047**, and if you desaturate by 10%, it is **35.9954, 0.4460, 0.3063**.

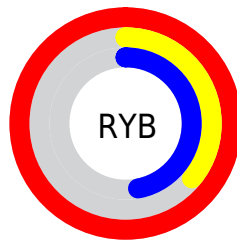
Distribution



Red (100%)

Green (36%)

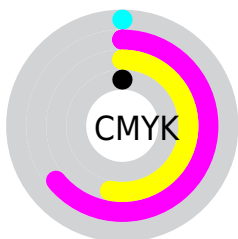
Blue (47%)



Red (100%)

Yellow (36%)

Blue (47%)

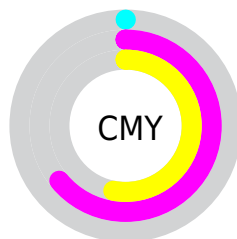


Cyan (0%)

Magenta (64%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2462, 0.4870, 0.3043 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 30.2462, 0.4870, 0.3043 by changing the saturation by 10% instead.


 30.2462, 0.4870,
0.3043


 30.2462, 0.4870,
0.3043


303.0504, 0.3935,
0.3215


 20.0255, 0.5118,
0.2983


 60.0513, 0.4518,
0.3118

 12.4136, 0.5443,
0.2895


 80.4045, 0.4389,
0.3142

 7.0260, 0.5879,
0.2761


 104.9041, 0.4282,
0.3161

 3.4784, 0.6485,
0.2540

 133.9344, 0.4191,
0.3177

 1.3863, 0.7617,
0.2237

167.8797, 0.4113,
0.3189

 0.2066, 0.9111,
0.0889

207.1246, 0.4046,

 0.0000, 1.0000,

0.3199

0.0000

252.0533, 0.3987,
0.3208

■ 0.0000, 0.0000,
0.0000

■ 30.2462, 0.4870,
0.3043

■ 30.2462, 0.4870,
0.3043

■ 26.0892, 0.5303,
0.3047

■ 35.9954, 0.4460,
0.3063

■ 23.3726, 0.5714,
0.3080

■ 43.4903, 0.4099,
0.3098


■ 21.8930, 0.6046,
0.3143

■ 52.8527, 0.3795,
0.3141

■ 21.4293, 0.6195,
0.3186

■ 64.1967, 0.3546,
0.3187

■ 77.6276, 0.3344,
0.3232

 93.2428, 0.3182,
0.3274

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.



30.2462, 0.3919, 0.2429



30.2462, 0.4870, 0.3043



30.2462, 0.5202, 0.3736

Triad

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



30.2462, 0.4870, 0.3043



30.2462, 0.3119, 0.5237



30.2462, 0.1539, 0.1862

Complementary

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



30.2462, 0.4870, 0.3043



79.3933, 0.2469, 0.3619

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.



30.2462, 0.1408, 0.2295



30.2462, 0.4870, 0.3043



30.2462, 0.2213, 0.4428

Square

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



30.2462, 0.4870, 0.3043



30.2462, 0.4075, 0.5115



30.2462, 0.1615, 0.3194



30.2462, 0.2001, 0.1782

Rectangle

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



30.2462, 0.4870, 0.3043



30.2462, 0.5032, 0.4224



30.2462, 0.1615, 0.3194



30.2462, 0.1460, 0.1961

Sweetspot

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



30.2422, 0.4870, 0.3043



70.5529, 0.3441, 0.3209



31.3360, 0.2941, 0.1713



14.2987, 0.3501, 0.3196



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.



30.2422, 0.4870, 0.3043



25.1111, 0.5434, 0.3054



42.6878, 0.4788, 0.3821



18.0362, 0.3268, 0.3251



11.2116, 0.6164, 0.3169



1.1048, 0.5884, 0.3015

Inverse Universe

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



30.2422, 0.4870, 0.3043



25.1111, 0.5434, 0.3054



51.1082, 0.2201, 0.2600



18.0362, 0.3268, 0.3251



11.2116, 0.6164, 0.3169



1.1048, 0.5884, 0.3015

Previews

White Background



This preview shows how the Yxy color 30.2462, 0.4870, 0.3043 looks on a white background.

Color Contrast Check

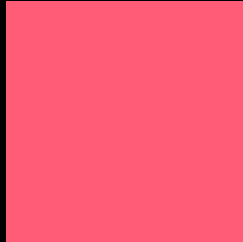
Large Text (above 18pt) WCAG AA × Fail

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 30.2462, 0.4870, 0.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

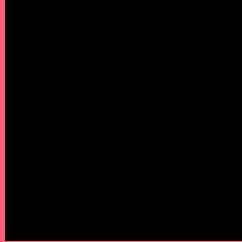
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.2462, 0.4870, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 30.2462, 0.4870, 0.3043.



This preview shows how white text looks on a background with the Yxy color 30.2462, 0.4870, 0.3043.

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

30.2462, 0.4870, 0.3043

Protanopia

30.3738, 0.3187, 0.3321

Deuteranopia

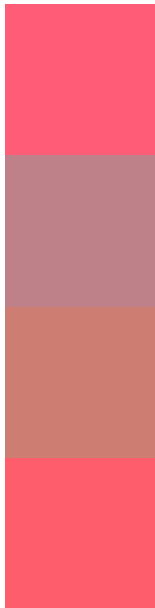
30.4413, 0.3838, 0.3772



Tritanopia

30.1948, 0.5079, 0.3241

Trichromacy



Original Color

30.2462, 0.4870, 0.3043

Protanomaly

28.1916, 0.3760, 0.3167

Deuteranomaly

28.8613, 0.4231, 0.3435

Tritanomaly

30.1589, 0.4996, 0.3167

Monochromacy



Original Color

30.2462, 0.4870, 0.3043

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.6068, 0.3726, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2462, 0.4870, 0.3043 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, 92, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 119)  
}
```

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, 92, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 119) }
```

Border

The CSS property to change the border of an element to Yxy 30.2462, 0.4870, 0.3043 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, 92, 119) }
```

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

```
.border{ border-color:rgb(255, 92, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 92, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2462, 0.4870, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 119) }
```

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

```
.background{ background-color: rgb(255, 92,  
119) }
```

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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