

Converting Colors

$Y_{xy}(30.1861, 0.4885, 0.3052)$

Have a look what the booklet for
Yxy(30.1861, 0.4885, 0.3052)
contains.

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Color

Yxy(30.2223, 0.4883, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	FF5C76
RGB	255, 92, 118
RGB Percent	100%, 36%, 46%
CMY	0.0000, 0.6392, 0.5372
CMYK	0.00, 0.64, 0.54, 0.00
HSL	350°, 100%, 68%
HSV	350°, 64%, 100%
XYZ	48.3379, 30.2223, 20.4320
YIQ	143.7010, 88.8020, 42.6420

Conversions

Conversions Part 2

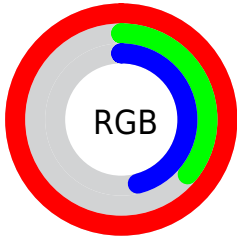
Format	Color
R _Y B	255, 92, 118
Decimal	16735350
CIE Lab	61.85, 63.56, 19.71
CIE LCh	62, 66.550, 17.232
Yxy	30.2223, 0.4883, 0.3053
Android (android.graphics.Color)	4294925430 (0xFFFF5C76)
YUV	143.7010, -12.6706, 97.6092
Hunter-Lab	54.9748, 60.7443, 16.4466

Details

The Yxy color **30.2223, 0.4883, 0.3053** 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 **79.4510, 0.2465, 0.3606**, and the grayscale version is **27.7908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.6572, 0.3986, 0.3072**, and **12.3439, 0.5458, 0.2905** is the 20% darker color. If you saturate the color by 10%, you get **26.0713, 0.5319, 0.3057**, and if you desaturate by 10%, it is **35.9784, 0.4470, 0.3072**.

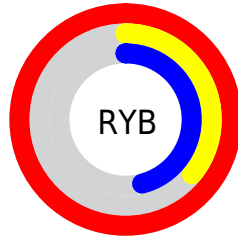
Distribution



Red (100%)

Green (36%)

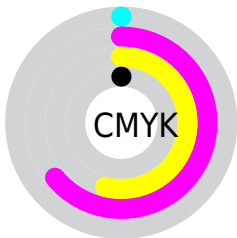
Blue (46%)



Red (100%)

Yellow (36%)

Blue (46%)

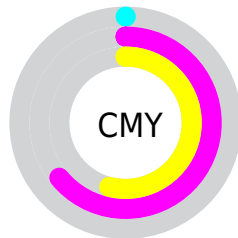


Cyan (0%)

Magenta (64%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2223, 0.4883, 0.3053 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 30.2223, 0.4883, 0.3053 by changing the saturation by 10% instead.

 30.2223, 0.4883,
0.3053


 30.2223, 0.4883,
0.3053


302.9393, 0.3941,
0.3221

 20.0074, 0.5133,
0.2993


 60.0136, 0.4528,
0.3127


 12.4004, 0.5459,
0.2906


 80.3587, 0.4399,
0.3151

 7.0170, 0.5898,
0.2772


 104.8493, 0.4290,
0.3169

 3.4727, 0.6506,
0.2551

 133.8699, 0.4199,
0.3184

 1.3832, 0.7666,
0.2254

167.8048, 0.4120,
0.3196

 0.2043, 0.9116,
0.0884

207.0384, 0.4053,

 0.0000, 1.0000,

0.3206


0.0000


251.9551, 0.3993,
0.3214

 0.0000, 0.0000,
0.0000

 30.2223, 0.4883,
0.3053

 30.2223, 0.4883,
0.3053

 26.0713, 0.5319,
0.3057


 35.9784, 0.4470,
0.3072


 23.3564, 0.5730,
0.3090


 43.4761, 0.4106,
0.3106


 21.8797, 0.6061,
0.3152

 52.8432, 0.3800,
0.3147

 21.4177, 0.6208,
0.3194

 64.1940, 0.3549,
0.3191

 77.6337, 0.3346,
0.3234

 93.2599, 0.3182,
0.3275

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.



30.2223, 0.3938, 0.2437



30.2223, 0.4883, 0.3053



30.2223, 0.5203, 0.3747

Triad

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



30.2223, 0.4883, 0.3053



30.2223, 0.3103, 0.5234



30.2223, 0.1543, 0.1857

Complementary

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



30.2223, 0.4883, 0.3053



79.4510, 0.2465, 0.3606

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.



30.2223, 0.1406, 0.2284



30.2223, 0.4883, 0.3053



30.2223, 0.2200, 0.4410

Square

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



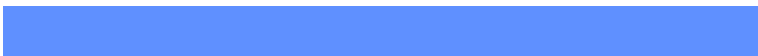
30.2223, 0.4883, 0.3053



30.2223, 0.4062, 0.5124



30.2223, 0.1608, 0.3176



30.2223, 0.2010, 0.1782

Rectangle

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



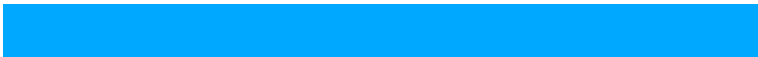
30.2223, 0.4883, 0.3053



30.2223, 0.5026, 0.4236



30.2223, 0.1608, 0.3176



30.2223, 0.1462, 0.1954

Sweetspot

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



30.2240, 0.4883, 0.3053



70.5374, 0.3444, 0.3212



31.3424, 0.2941, 0.1713



14.2950, 0.3504, 0.3200



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.



30.2240, 0.4883, 0.3053



25.0900, 0.5451, 0.3064



42.6948, 0.4788, 0.3821



18.0343, 0.3269, 0.3252



11.2052, 0.6177, 0.3177



1.1039, 0.5902, 0.3025

Inverse Universe

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



30.2240, 0.4883, 0.3053



25.0900, 0.5451, 0.3064



51.1145, 0.2201, 0.2600



18.0343, 0.3269, 0.3252



11.2052, 0.6177, 0.3177



1.1039, 0.5902, 0.3025

Previews

White Background



This preview shows how the Yxy color 30.2223, 0.4883, 0.3053 looks on a white background.

Color Contrast Check

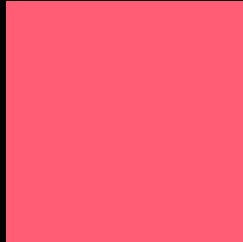
Large Text (above 18pt) WCAG AA × Fail

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 30.2223, 0.4883, 0.3053 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 30.2223, 0.4883, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 30.2223, 0.4883, 0.3053.



This preview shows how white text looks on a background with the Yxy color 30.2223, 0.4883, 0.3053.

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

30.2223, 0.4883, 0.3053

Protanopia

30.3425, 0.3197, 0.3337

Deuteranopia

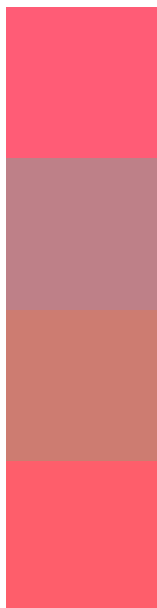
30.1178, 0.3854, 0.3773



Tritanopia

30.1948, 0.5079, 0.3241

Trichromacy



Original Color

30.2223, 0.4883, 0.3053

Protanomaly

28.1631, 0.3773, 0.3181

Deuteranomaly

28.5867, 0.4249, 0.3435

Tritanomaly

30.1378, 0.5009, 0.3176

Monochromacy



Original Color

30.2223, 0.4883, 0.3053

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 30.2223, 0.4883, 0.3053 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 118) }
```

Border

The CSS property to change the border of an element to Yxy 30.2223, 0.4883, 0.3053 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, 118) }
```

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

```
.border{ border-color:rgb(255, 92, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2223, 0.4883, 0.3053 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, 118) }
```

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

```
.background{ background-color: rgb(255, 92,  
118) }
```

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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