

Converting Colors

$Y_{xy}(29.0750, 0.5071, 0.3121)$

Have a look what the booklet for
Yxy(29.0750, 0.5071, 0.3121)
contains.

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Color

Yxy(29.1170, 0.5073, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	FF576A
RGB	255, 87, 106
RGB Percent	100%, 34%, 42%
CMY	0.0000, 0.6588, 0.5842
CMYK	0.00, 0.66, 0.58, 0.00
HSL	353°, 100%, 67%
HSV	353°, 66%, 100%
XYZ	47.2523, 29.1170, 16.7753
YIQ	139.3980, 94.0290, 41.5250

Conversions

Conversions Part 2

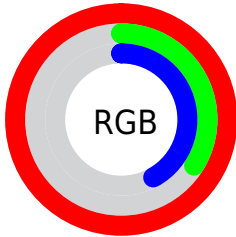
Format	Color
R_{YB}	255, 87, 106
Decimal	16734058
CIE _{Lab}	60.88, 64.69, 25.34
CIE _{LCh}	61, 69.480, 21.391
Yxy	29.1170, 0.5073, 0.3126
Android (android.graphics.Color)	4294924138 (0xFFFF576A)
YUV	139.3980, -16.4652, 101.3830
Hunter-Lab	53.9602, 61.8799, 19.3398

Details

The Yxy color **29.1170, 0.5073, 0.3126** 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 **79.6004, 0.2423, 0.3519**, and the grayscale version is **26.0192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.9451, 0.4141, 0.3167**, and **11.8101, 0.5710, 0.2975** is the 20% darker color. If you saturate the color by 10%, you get **25.2825, 0.5523, 0.3137**, and if you desaturate by 10%, it is **34.5350, 0.4631, 0.3134**.

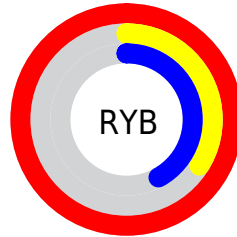
Distribution



Red (100%)

Green (34%)

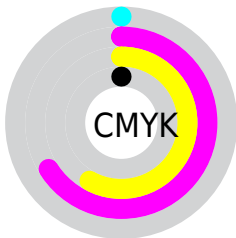
Blue (42%)



Red (100%)

Yellow (34%)

Blue (42%)

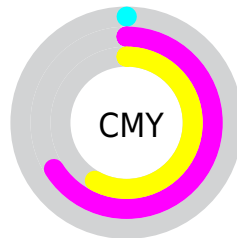


Cyan (0%)

Magenta (66%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (66%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1170, 0.5073, 0.3126 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 29.1170, 0.5073, 0.3126 by changing the saturation by 10% instead.

 29.1170, 0.5073,
0.3126


 29.1170, 0.5073,
0.3126


297.7666, 0.4027,
0.3272

 19.1693, 0.5349,
0.3066

 58.2629, 0.4680,
0.3196

 11.7927, 0.5706,
0.2974


 78.2300, 0.4535,
0.3217

 6.6027, 0.6179,
0.2826


 102.3056, 0.4415,
0.3233

 3.2149, 0.6824,
0.2578

 130.8743, 0.4313,
0.3245

 1.2449, 0.7824,
0.2176

164.3203, 0.4226,
0.3254

 0.0979, 0.9528,
0.0472

203.0281, 0.4150,

 0.0000, 1.0000,

0.3261

0.0000

247.3821, 0.4085,
0.3267

■ 0.0000, 0.0000,
0.0000

■ 29.1170, 0.5073,
0.3126

■ 29.1170, 0.5073,
0.3126

■ 25.2825, 0.5523,
0.3137

■ 34.5350, 0.4631,
0.3134

■ 22.8568, 0.5922,
0.3169

■ 41.6802, 0.4234,
0.3155


■ 21.6293, 0.6210,
0.3220

■ 50.6838, 0.3897,
0.3183

■ 21.3482, 0.6291,
0.3240

■ 61.6633, 0.3620,
0.3214

■ 74.7267, 0.3396,
0.3244

 89.9741, 0.3216,
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.



29.1170, 0.4142, 0.2476



29.1170, 0.5073, 0.3126



29.1170, 0.5289, 0.3848

Triad

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



29.1170, 0.5073, 0.3126



29.1170, 0.2944, 0.5298



29.1170, 0.1522, 0.1762

Complementary

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



29.1170, 0.5073, 0.3126



79.6004, 0.2423, 0.3519

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.



29.1170, 0.1335, 0.2140



29.1170, 0.5073, 0.3126



29.1170, 0.2036, 0.4300

Square

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



29.1170, 0.5073, 0.3126



29.1170, 0.3951, 0.5278



29.1170, 0.1485, 0.2998



29.1170, 0.2054, 0.1732

Rectangle

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



29.1170, 0.5073, 0.3126



29.1170, 0.5034, 0.4361



29.1170, 0.1485, 0.2998



29.1170, 0.1424, 0.1844

Sweetspot

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



29.1181, 0.5073, 0.3126



69.0879, 0.3482, 0.3232



31.7670, 0.3012, 0.1713



14.0087, 0.3546, 0.3223



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.



29.1181, 0.5073, 0.3126



24.3837, 0.5656, 0.3145



44.2107, 0.4787, 0.3912



18.0205, 0.3276, 0.3263



11.1655, 0.6267, 0.3226



1.0975, 0.6036, 0.3099

Inverse Universe

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



29.1181, 0.5073, 0.3126



24.3837, 0.5656, 0.3145



46.3340, 0.2152, 0.2461



18.0205, 0.3276, 0.3263



11.1655, 0.6267, 0.3226



1.0975, 0.6036, 0.3099

Previews

White Background



This preview shows how the Yxy color 29.1170, 0.5073, 0.3126 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1170, 0.5073, 0.3126 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 × Fail

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

Yxy 29.1170, 0.5073, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 29.1170, 0.5073, 0.3126.



This preview shows how white text looks on a background with the Yxy color 29.1170, 0.5073, 0.3126.

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

29.1170, 0.5073, 0.3126

Protanopia

29.3332, 0.3329, 0.3512

Deuteranopia

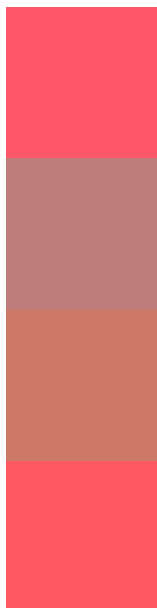
29.2787, 0.3994, 0.3916



Tritanopia

29.0237, 0.5207, 0.3253

Trichromacy



Original Color

29.1170, 0.5073, 0.3126

Protanomaly

27.0444, 0.3946, 0.3320

Deuteranomaly

27.5935, 0.4418, 0.3547

Tritanomaly

28.9321, 0.5164, 0.3208

Monochromacy



Original Color

29.1170, 0.5073, 0.3126

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.7890, 0.3810, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1170, 0.5073, 0.3126 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, 87, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 87, 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, 87, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 106) }
```

Border

The CSS property to change the border of an element to Yxy 29.1170, 0.5073, 0.3126 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, 87, 106) }
```

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

```
.border{ border-color:rgb(255, 87, 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, 87, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1170, 0.5073, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 87, 106) }
```

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

```
.background{ background-color: rgb(255, 87,  
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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