

Converting Colors

$Y_{xy}(31.5870, 0.5035, 0.3054)$

Have a look what the booklet for
Yxy(31.5870, 0.5035, 0.3054)
contains.

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Color

Yxy(29.3373, 0.4938, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	FF5774
RGB	255, 87, 116
RGB Percent	100%, 34%, 45%
CMY	0.0001, 0.6587, 0.5452
CMYK	0.00, 0.66, 0.55, 0.00
HSL	350°, 100%, 67%
HSV	350°, 66%, 100%
XYZ	47.7953, 29.3373, 19.6582
YIQ	140.5380, 90.8190, 44.6350

Conversions

Conversions Part 2

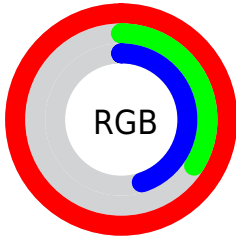
Format	Color
R _Y B	255, 87, 116
Decimal	16734068
CIE Lab	61.08, 65.37, 19.86
CIE LCh	61, 68.321, 16.895
Yxy	29.3373, 0.4938, 0.3031
Android (android.graphics.Color)	4294924148 (0xFFFF5774)
YUV	140.5380, -12.0972, 100.3832
Hunter-Lab	54.1639, 62.7251, 16.3961

Details

The Yxy color **29.3373, 0.4938, 0.3031** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **79.0315, 0.2463, 0.3644**, and the grayscale version is **26.4713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3380, 0.4022, 0.3052**, and **11.8868, 0.5541, 0.2874** is the 20% darker color. If you saturate the color by 10%, you get **25.4756, 0.5368, 0.3040**, and if you desaturate by 10%, it is **34.7711, 0.4524, 0.3048**.

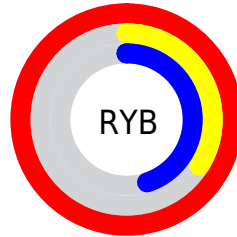
Distribution



Red (100%)

Green (34%)

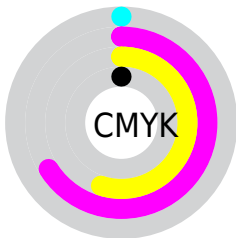
Blue (45%)



Red (100%)

Yellow (34%)

Blue (45%)

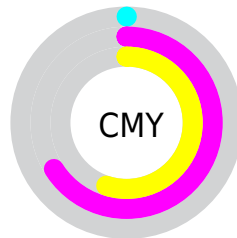


Cyan (0%)

Magenta (66%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (66%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3373, 0.4938, 0.3031 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 29.3373, 0.4938, 0.3031 by changing the saturation by 10% instead.


 29.3373, 0.4938,
0.3031


 29.3373, 0.4938,
0.3031


298.8031, 0.3963,
0.3213

 19.3361, 0.5197,
0.2967


 58.6126, 0.4570,
0.3111

 11.9134, 0.5536,
0.2873


 78.6554, 0.4436,
0.3137

 6.6847, 0.5992,
0.2728


 102.8144, 0.4324,
0.3157

 3.2657, 0.6621,
0.2490

 131.4737, 0.4229,
0.3173

 1.2720, 0.7830,
0.2170

165.0178, 0.4148,
0.3186

 0.1194, 0.9448,
0.0552

203.8312, 0.4078,


 0.0000, 1.0000,


0.3196


0.0000


248.2982, 0.4017,
0.3205


 0.0000, 0.0000,
0.0000


 29.3373, 0.4938,
0.3031


 29.3373, 0.4938,
0.3031


 25.4756, 0.5368,
0.3040


 34.7711, 0.4524,
0.3048


 23.0122, 0.5768,
0.3080

 41.9172, 0.4156,
0.3083

 21.7399, 0.6082,
0.3149

 50.9053, 0.3844,
0.3126

 21.4385, 0.6181,
0.3179

 61.8517, 0.3587,
0.3174

 74.8628, 0.3378,
0.3220

 90.0374, 0.3210,
0.3265

99.9972, 0.3127,
0.3290

Harmonies

Analogous

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



29.3373, 0.3952, 0.2404



29.3373, 0.4938, 0.3031



29.3373, 0.5270, 0.3738

Triad

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



29.3373, 0.4938, 0.3031



29.3373, 0.3102, 0.5317



29.3373, 0.1496, 0.1817

Complementary

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



29.3373, 0.4938, 0.3031



79.0315, 0.2463, 0.3644

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.



29.3373, 0.1360, 0.2254



29.3373, 0.4938, 0.3031



29.3373, 0.2173, 0.4471

Square

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



29.3373, 0.4938, 0.3031



29.3373, 0.4087, 0.5174



29.3373, 0.1566, 0.3179



29.3373, 0.1968, 0.1740

Rectangle

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



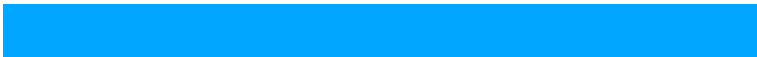
29.3373, 0.4938, 0.3031



29.3373, 0.5085, 0.4239



29.3373, 0.1566, 0.3179



29.3373, 0.1415, 0.1917

Sweetspot

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



29.3390, 0.4938, 0.3031



69.2391, 0.3459, 0.3201



29.9187, 0.2907, 0.1664



14.0442, 0.3518, 0.3188



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.



29.3390, 0.4938, 0.3031



24.5656, 0.5499, 0.3049



40.7653, 0.4882, 0.3800



18.0382, 0.3267, 0.3249



11.2184, 0.6149, 0.3161



1.1058, 0.5865, 0.3005

Inverse Universe

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



29.3390, 0.4938, 0.3031



24.5656, 0.5499, 0.3049



51.3939, 0.2189, 0.2613



18.0382, 0.3267, 0.3249



11.2184, 0.6149, 0.3161



1.1058, 0.5865, 0.3005

Previews

White Background



This preview shows how the Yxy color 29.3373, 0.4938, 0.3031 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 29.3373, 0.4938, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

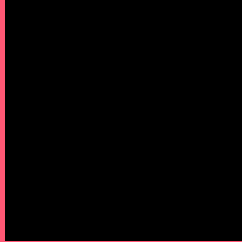
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3373, 0.4938, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 29.3373, 0.4938, 0.3031.



This preview shows how white text looks on a background with the Yxy color 29.3373, 0.4938, 0.3031.

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

29.3373, 0.4938, 0.3031

Protanopia

29.4911, 0.3188, 0.3322

Deuteranopia

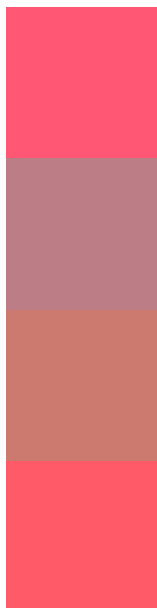
29.5427, 0.3858, 0.3792



Tritanopia

29.3975, 0.5169, 0.3252

Trichromacy



Original Color

29.3373, 0.4938, 0.3031

Protanomaly

27.2073, 0.3797, 0.3167

Deuteranomaly

27.9041, 0.4276, 0.3435

Tritanomaly

29.3624, 0.5086, 0.3179

Monochromacy



Original Color

29.3373, 0.4938, 0.3031

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.2858, 0.3754, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3373, 0.4938, 0.3031 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, 116)` looks like.

```
.text, #text, p{  
  color:rgb(255, 87, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 116) }
```

Border

The CSS property to change the border of an element to Yxy 29.3373, 0.4938, 0.3031 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, 116) }
```

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

```
.border{ border-color:rgb(255, 87, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
116) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 29.3373, 0.4938, 0.3031$ 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, 116) }
```

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

```
.background{ background-color: rgb(255, 87,  
116) }
```

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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