

Converting Colors

$Yxy(28.9738, 0.5137, 0.3167)$

Have a look what the booklet for
Yxy(28.9738, 0.5137, 0.3167)
contains.

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Color

Yxy(29.0160, 0.5139, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	FF5765
RGB	255, 87, 101
RGB Percent	100%, 34%, 40%
CMY	0.0000, 0.6587, 0.6039
CMYK	0.00, 0.66, 0.60, 0.00
HSL	355°, 100%, 67%
HSV	355°, 66%, 100%
XYZ	46.9944, 29.0160, 15.4362
YIQ	138.8280, 95.6340, 39.9700

Conversions

Conversions Part 2

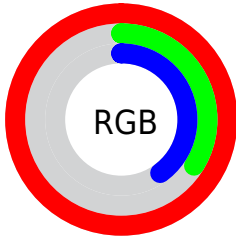
Format	Color
R_YB	255, 87, 101
Decimal	16734053
CIE Lab	60.80, 64.36, 28.12
CIE LCh	61, 70.232, 23.604
Yxy	29.0160, 0.5139, 0.3173
Android (android.graphics.Color)	4294924133 (0xFFFF5765)
YUV	138.8280, -18.6492, 101.8828
Hunter-Lab	53.8665, 61.4612, 20.7162

Details

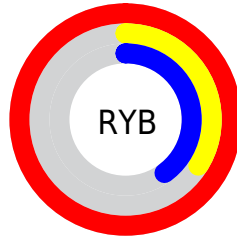
The Yxy color **29.0160, 0.5139, 0.3173** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **79.8917, 0.2404, 0.3456**, and the grayscale version is **25.7983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.7778, 0.4195, 0.3220**, and **11.7869, 0.5796, 0.3028** is the 20% darker color. If you saturate the color by 10%, you get **25.1963, 0.5596, 0.3183**, and if you desaturate by 10%, it is **34.4266, 0.4684, 0.3178**.

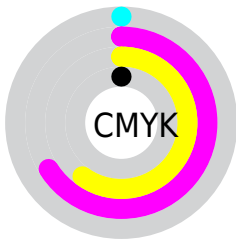
Distribution



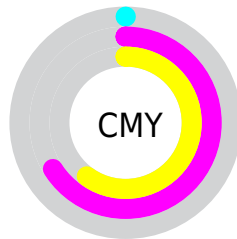
- Red (100%)
- Green (34%)
- Blue (40%)



- Red (100%)
- Yellow (34%)
- Blue (40%)



- Cyan (0%)
- Magenta (66%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0160, 0.5139, 0.3173 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 29.0160, 0.5139, 0.3173 by changing the saturation by 10% instead.

 29.0160, 0.5139,
0.3173


 29.0160, 0.5139,
0.3173

297.2904, 0.4058,
0.3302

 19.0929, 0.5422,
0.3114


 58.1025, 0.4734,
0.3239


 11.7374, 0.5786,
0.3022


 78.0347, 0.4585,
0.3258

 6.5652, 0.6264,
0.2872


 102.0721, 0.4461,
0.3271

 3.1917, 0.6931,
0.2625

 130.5991, 0.4355,
0.3281

 1.2326, 0.7821,
0.2179

164.0000, 0.4265,
0.3289

 0.0881, 0.9567,
0.0433


202.6593, 0.4187,


 0.0000, 1.0000,


0.3294


0.0000


246.9613, 0.4119,
0.3298


 0.0000, 0.0000,
0.0000


 29.0160, 0.5139,
0.3173


 29.0160, 0.5139,
0.3173


 25.1963, 0.5596,
0.3183


 34.4266, 0.4684,
0.3178


 22.7899, 0.5991,
0.3210

 41.5712, 0.4273,
0.3192

 21.5848, 0.6260,
0.3249

 50.5825, 0.3924,
0.3212

 21.3129, 0.6332,
0.3262

 61.5790, 0.3636,
0.3234

 74.6694, 0.3404,
0.3257

 89.9543, 0.3219,
0.3278

99.9979, 0.3127,
0.3290

Harmonies

Analogous

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



29.0160, 0.4239, 0.2512



29.0160, 0.5139, 0.3173



29.0160, 0.5296, 0.3904

Triad

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



29.0160, 0.5139, 0.3173



29.0160, 0.2864, 0.5285



29.0160, 0.1535, 0.1735

Complementary

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



29.0160, 0.5139, 0.3173



79.8917, 0.2404, 0.3456

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.



29.0160, 0.1323, 0.2084



29.0160, 0.5139, 0.3173



29.0160, 0.1968, 0.4212

Square

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



29.0160, 0.5139, 0.3173



29.0160, 0.3882, 0.5330



29.0160, 0.1446, 0.2909



29.0160, 0.2098, 0.1728

Rectangle

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



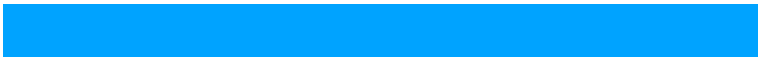
29.0160, 0.5139, 0.3173



29.0160, 0.5006, 0.4423



29.0160, 0.1446, 0.2909



29.0160, 0.1428, 0.1808

Sweetspot

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



29.0177, 0.5139, 0.3173



69.0119, 0.3494, 0.3248



32.7387, 0.3065, 0.1738



13.9909, 0.3560, 0.3241



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.



29.0177, 0.5139, 0.3173



24.3028, 0.5729, 0.3190



46.0633, 0.4739, 0.3968



18.0116, 0.3281, 0.3271



11.1460, 0.6312, 0.3251



1.0933, 0.6127, 0.3149

Inverse Universe

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



29.0177, 0.5139, 0.3173



24.3028, 0.5729, 0.3190



43.9459, 0.2134, 0.2385



18.0116, 0.3281, 0.3271



11.1460, 0.6312, 0.3251



1.0933, 0.6127, 0.3149

Previews

White Background



This preview shows how the Yxy color 29.0160, 0.5139, 0.3173 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 29.0160, 0.5139, 0.3173 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 29.0160, 0.5139, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 29.0160, 0.5139, 0.3173.



This preview shows how white text looks on a background with the Yxy color 29.0160, 0.5139, 0.3173.

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

29.0160, 0.5139, 0.3173

Protanopia

29.2698, 0.3401, 0.3608

Deuteranopia

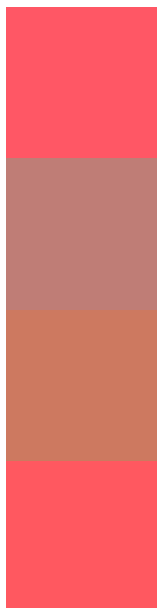
28.8936, 0.4053, 0.3971



Tritanopia

29.0298, 0.5234, 0.3253

Trichromacy



Original Color

29.0160, 0.5139, 0.3173

Protanomaly

27.0516, 0.4021, 0.3389

Deuteranomaly

27.4984, 0.4478, 0.3609

Tritanomaly

29.0840, 0.5197, 0.3227

Monochromacy



Original Color

29.0160, 0.5139, 0.3173

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.7374, 0.3836, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0160, 0.5139, 0.3173 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 87, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 101) }
```

Border

The CSS property to change the border of an element to Yxy 29.0160, 0.5139, 0.3173 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, 101) }
```

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

```
.border{ border-color:rgb(255, 87, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
101) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 29.0160, 0.5139, 0.3173$ 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, 101) }
```

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

```
.background{ background-color: rgb(255, 87,  
101) }
```

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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