

Converting Colors

$Yxy(29.8702, 0.5044, 0.3163)$

Have a look what the booklet for
Yxy(29.8702, 0.5044, 0.3163)
contains.

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Color

Yxy(29.7828, 0.5049, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	FF5B6A
RGB	255, 91, 106
RGB Percent	100%, 36%, 42%
CMY	0.0000, 0.6432, 0.5843
CMYK	0.00, 0.64, 0.58, 0.00
HSL	355°, 100%, 68%
HSV	355°, 64%, 100%
XYZ	47.5865, 29.7828, 16.8801
YIQ	141.7460, 92.9290, 39.4330

Conversions

Conversions Part 2

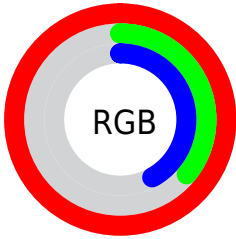
Format	Color
RYB	255, 91, 106
Decimal	16735082
CIELab	61.47, 63.12, 26.12
CIElCh	61, 68.311, 22.483
Yxy	29.7828, 0.5049, 0.3160
Android (android.graphics.Color)	4294925162 (0xFFFF5B6A)
YUV	141.7460, -17.6228, 99.3238
Hunter-Lab	54.5736, 60.1426, 19.8627

Details

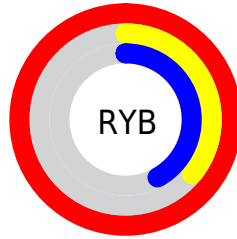
The Yxy color **29.7828, 0.5049, 0.3160** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **80.0340, 0.2418, 0.3468**, and the grayscale version is **26.9869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.8741, 0.4128, 0.3199**, and **12.1755, 0.5669, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **25.7199, 0.5507, 0.3168**, and if you desaturate by 10%, it is **35.4550, 0.4603, 0.3168**.

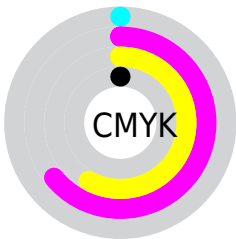
Distribution



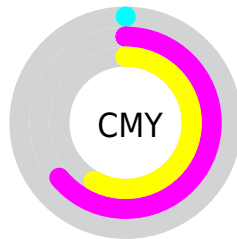
- Red (100%)
- Green (36%)
- Blue (42%)



- Red (100%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (64%)
- Yellow (58%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7828, 0.5049, 0.3160 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 29.7828, 0.5049, 0.3160 by changing the saturation by 10% instead.


 29.7828, 0.5049,
0.3160


 29.7828, 0.5049,
0.3160


300.8907, 0.4019,
0.3288


 19.6738, 0.5319,
0.3105


 59.3185, 0.4662,
0.3223


 12.1581, 0.5669,
0.3019


 79.5140, 0.4520,
0.3242

 6.8515, 0.6131,
0.2879


 103.8405, 0.4402,
0.3256

 3.3694, 0.6760,
0.2643

 132.6822, 0.4301,
0.3266

 1.3275, 0.7740,
0.2260

166.4238, 0.4215,
0.3274

 0.1623, 0.9255,
0.0745

205.4494, 0.4141,

 0.0000, 1.0000,

0.3280

0.0000

250.1436, 0.4076,
0.3284

■ 0.0000, 0.0000,
0.0000

■ 29.7828, 0.5049,
0.3160

■ 29.7828, 0.5049,
0.3160

■ 25.7199, 0.5507,
0.3168

■ 35.4550, 0.4603,
0.3168

■ 23.1002, 0.5917,
0.3193

■ 42.8829, 0.4204,
0.3185


■ 21.7181, 0.6214,
0.3234

■ 52.1945, 0.3868,
0.3208

■ 21.3233, 0.6322,
0.3256

■ 63.5062, 0.3593,
0.3233

■ 76.9254, 0.3371,
0.3257

 92.5513, 0.3193,
0.3280

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.



29.7828, 0.4160, 0.2515



29.7828, 0.5049, 0.3160



29.7828, 0.5239, 0.3875

Triad

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



29.7828, 0.5049, 0.3160



29.7828, 0.2919, 0.5224



29.7828, 0.1564, 0.1785

Complementary

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



29.7828, 0.5049, 0.3160



80.0340, 0.2418, 0.3468

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.



29.7828, 0.1368, 0.2145



29.7828, 0.5049, 0.3160



29.7828, 0.2035, 0.4226

Square

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



29.7828, 0.5049, 0.3160



29.7828, 0.3909, 0.5252



29.7828, 0.1505, 0.2969



29.7828, 0.2102, 0.1764

Rectangle

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



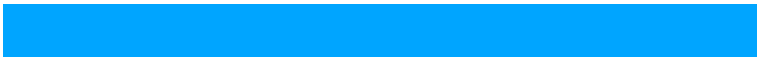
29.7828, 0.5049, 0.3160



29.7828, 0.4980, 0.4379



29.7828, 0.1505, 0.2969



29.7828, 0.1462, 0.1862

Sweetspot

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



29.7823, 0.5049, 0.3160



70.3704, 0.3468, 0.3246



32.9825, 0.3042, 0.1753



14.2555, 0.3533, 0.3239



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.



29.7823, 0.5049, 0.3160



24.8827, 0.5625, 0.3173



45.9931, 0.4712, 0.3932



18.0141, 0.3280, 0.3269



11.1509, 0.6301, 0.3245



1.0944, 0.6101, 0.3135

Inverse Universe

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



29.7823, 0.5049, 0.3160



24.8827, 0.5625, 0.3173



46.0106, 0.2162, 0.2447



18.0141, 0.3280, 0.3269



11.1509, 0.6301, 0.3245



1.0944, 0.6101, 0.3135

Previews

White Background



This preview shows how the Yxy color 29.7828, 0.5049, 0.3160 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 29.7828, 0.5049, 0.3160 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 29.7828, 0.5049, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 29.7828, 0.5049, 0.3160.



This preview shows how white text looks on a background with the Yxy color 29.7828, 0.5049, 0.3160.

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

29.7828, 0.5049, 0.3160

Protanopia

29.8143, 0.3359, 0.3542

Deuteranopia

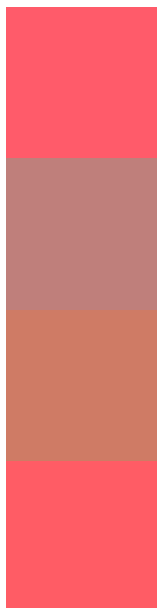
29.8115, 0.4010, 0.3923



Tritanopia

29.7961, 0.5145, 0.3243

Trichromacy



Original Color

29.7828, 0.5049, 0.3160

Protanomaly

27.6852, 0.3948, 0.3348

Deuteranomaly

28.3709, 0.4425, 0.3570

Tritanomaly

29.8539, 0.5107, 0.3215

Monochromacy



Original Color

29.7828, 0.5049, 0.3160

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

25.8182, 0.3796, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7828, 0.5049, 0.3160 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, 91, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 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, 91, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 106) }
```

Border

The CSS property to change the border of an element to Yxy 29.7828, 0.5049, 0.3160 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, 91, 106) }
```

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

```
.border{ border-color:rgb(255, 91, 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, 91, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7828, 0.5049, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 91, 106) }
```

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

```
.background{ background-color: rgb(255, 91,  
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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