

Converting Colors

$Y_{xy}(28.3439, 0.5095, 0.3080)$

Have a look what the booklet for
Yxy(28.3439, 0.5095, 0.3080)
contains.

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Color

Yxy(28.3561, 0.5089, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	FF526B
RGB	255, 82, 107
RGB Percent	100%, 32%, 42%
CMY	0.0000, 0.6784, 0.5803
CMYK	0.00, 0.68, 0.58, 0.00
HSL	351°, 100%, 66%
HSV	351°, 68%, 100%
XYZ	46.9129, 28.3561, 16.9159
YIQ	136.5770, 95.0830, 44.4510

Conversions

Conversions Part 2

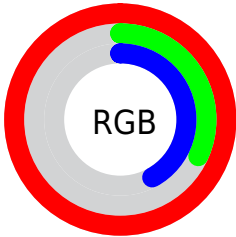
Format	Color
R_{YB}	255, 82, 107
Decimal	16732779
CIE Lab	60.21, 66.66, 23.88
CIE LCh	60, 70.804, 19.709
Yxy	28.3561, 0.5089, 0.3076
Android (android.graphics.Color)	4294922859 (0xFFFF526B)
YUV	136.5770, -14.5815, 103.8570
Hunter-Lab	53.2504, 64.0679, 18.4408

Details

The Yxy color **28.3561, 0.5089, 0.3076** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle muted rose. A complement of this color would be **79.0263, 0.2435, 0.3595**, and the grayscale version is **24.8787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.7784, 0.4146, 0.3115**, and **11.5327, 0.5724, 0.2927** is the 20% darker color. If you saturate the color by 10%, you get **24.7966, 0.5526, 0.3091**, and if you desaturate by 10%, it is **33.4613, 0.4656, 0.3085**.

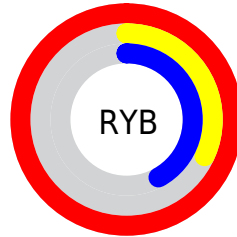
Distribution



Red (100%)

Green (32%)

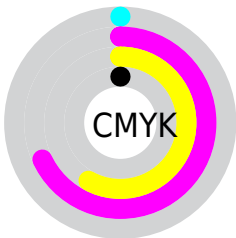
Blue (42%)



Red (100%)

Yellow (32%)

Blue (42%)

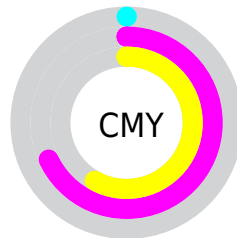


Cyan (0%)

Magenta (68%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (68%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.3561, 0.5089, 0.3076 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 28.3561, 0.5089, 0.3076 by changing the saturation by 10% instead.


 28.3561, 0.5089,
0.3076


 28.3561, 0.5089,
0.3076


294.1646, 0.4030,
0.3247

 18.5943, 0.5370,
0.3010


 57.0525, 0.4690,
0.3155

 11.3775, 0.5734,
0.2910


 76.7558, 0.4544,
0.3180

 6.3213, 0.6219,
0.2752


 100.5417, 0.4422,
0.3198

 3.0414, 0.6881,
0.2491

 128.7947, 0.4319,
0.3213

 1.1534, 0.7926,
0.2074

161.8991, 0.4231,
0.3224

 0.0231, 0.9882,
0.0118

200.2393, 0.4155,


 0.0000, 1.0000,


0.3233


0.0000

244.1996, 0.4089,
0.3241


 0.0000, 0.0000,
0.0000

 28.3561, 0.5089,
0.3076


 28.3561, 0.5089,
0.3076


 24.7966, 0.5526,
0.3091

 33.4613, 0.4656,
0.3085


 22.6035, 0.5912,
0.3134

 40.2590, 0.4264,
0.3110


 21.5437, 0.6192,
0.3198

 48.8822, 0.3928,
0.3145

 21.3928, 0.6238,
0.3210

 59.4498, 0.3651,
0.3185

 72.0707, 0.3425,
0.3224

 86.8458, 0.3244,
0.3262

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.



28.3561, 0.4101, 0.2423



28.3561, 0.5089, 0.3076



28.3561, 0.5349, 0.3805

Triad

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



28.3561, 0.5089, 0.3076



28.3561, 0.2988, 0.5389



28.3561, 0.1470, 0.1740

Complementary

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



28.3561, 0.5089, 0.3076



79.0263, 0.2435, 0.3595

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.



28.3561, 0.1299, 0.2144



28.3561, 0.5089, 0.3076



28.3561, 0.2049, 0.4408

Square

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



28.3561, 0.5089, 0.3076



28.3561, 0.4014, 0.5296



28.3561, 0.1468, 0.3050



28.3561, 0.1988, 0.1694

Rectangle

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



28.3561, 0.5089, 0.3076



28.3561, 0.5104, 0.4326



28.3561, 0.1468, 0.3050



28.3561, 0.1377, 0.1829

Sweetspot

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



28.3571, 0.5089, 0.3076



69.1677, 0.3470, 0.3216



29.9215, 0.2952, 0.1654



14.0274, 0.3531, 0.3205



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.



28.3571, 0.5089, 0.3076



23.9655, 0.5657, 0.3102



41.3801, 0.4904, 0.3864



18.0299, 0.3272, 0.3256



11.1910, 0.6209, 0.3194



1.1018, 0.5944, 0.3048

Inverse Universe

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



28.3571, 0.5089, 0.3076



23.9655, 0.5657, 0.3102



47.7988, 0.2149, 0.2510



18.0299, 0.3272, 0.3256



11.1910, 0.6209, 0.3194



1.1018, 0.5944, 0.3048

Previews

White Background



This preview shows how the Yxy color 28.3561, 0.5089, 0.3076 looks on a white background.

Color Contrast Check

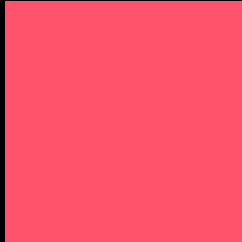
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3561, 0.5089, 0.3076 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 28.3561, 0.5089, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 28.3561, 0.5089, 0.3076.



This preview shows how white text looks on a background with the Yxy color 28.3561, 0.5089, 0.3076.

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

28.3561, 0.5089, 0.3076

Protanopia

28.5124, 0.3270, 0.3434

Deuteranopia

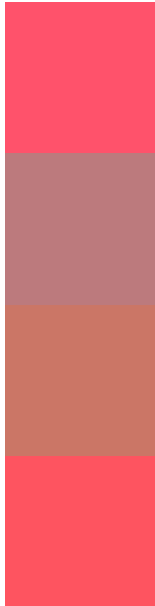
28.3648, 0.3961, 0.3882



Tritanopia

28.3060, 0.5284, 0.3254

Trichromacy



Original Color

28.3561, 0.5089, 0.3076

Protanomaly

26.0911, 0.3912, 0.3250

Deuteranomaly

26.6127, 0.4405, 0.3499

Tritanomaly

28.2560, 0.5215, 0.3193

Monochromacy



Original Color

28.3561, 0.5089, 0.3076

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.9322, 0.3824, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3561, 0.5089, 0.3076 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, 82, 107)` looks like.

```
.text, #text, p{  
  color:rgb(255, 82, 107)  
}
```

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, 82, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 107) }
```

Border

The CSS property to change the border of an element to Yxy 28.3561, 0.5089, 0.3076 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, 82, 107) }
```

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

```
.border{ border-color:rgb(255, 82, 107) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 82, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3561, 0.5089, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 107) }
```

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

```
.background{ background-color: rgb(255, 82,  
107) }
```

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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