

Converting Colors

$Y_{xy}(29.8917, 0.5090, 0.3085)$

Have a look what the booklet for
Yxy(29.8917, 0.5090, 0.3085)
contains.

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Color

Yxy(28.8611, 0.5045, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	FF556D
RGB	255, 85, 109
RGB Percent	100%, 33%, 43%
CMY	0.0001, 0.6665, 0.5727
CMYK	0.00, 0.67, 0.57, 0.00
HSL	352°, 100%, 67%
HSV	352°, 67%, 100%
XYZ	47.2434, 28.8611, 17.5395
YIQ	138.5660, 93.6160, 43.5040

Conversions

Conversions Part 2

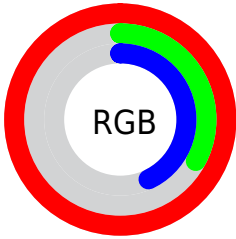
Format	Color
R_{YB}	255, 85, 109
Decimal	16733549
CIE Lab	60.66, 65.64, 23.35
CIE LCh	61, 69.672, 19.580
Yxy	28.8611, 0.5045, 0.3082
Android (android.graphics.Color)	4294923629 (0xFFFF556D)
YUV	138.5660, -14.5760, 102.1126
Hunter-Lab	53.7225, 62.9579, 18.2485

Details

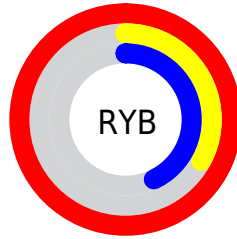
The Yxy color **28.8611, 0.5045, 0.3082** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **79.2155, 0.2438, 0.3581**, and the grayscale version is **25.6773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4430, 0.4116, 0.3115**, and **11.6845, 0.5672, 0.2923** is the 20% darker color. If you saturate the color by 10%, you get **25.1294, 0.5486, 0.3094**, and if you desaturate by 10%, it is **34.1593, 0.4613, 0.3093**.

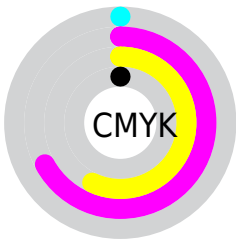
Distribution



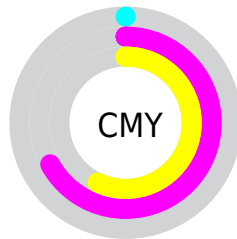
- Red (100%)
- Green (33%)
- Blue (43%)



- Red (100%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (67%)
- Yellow (57%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8611, 0.5045, 0.3082 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 28.8611, 0.5045, 0.3082 by changing the saturation by 10% instead.


 28.8611, 0.5045,
0.3082


 28.8611, 0.5045,
0.3082

296.5590, 0.4012,
0.3247


 18.9758, 0.5319,
0.3018


 57.8563, 0.4656,
0.3158


 11.6528, 0.5675,
0.2923


 77.7350, 0.4513,
0.3182

 6.5077, 0.6149,
0.2772


 101.7136, 0.4394,
0.3200

 3.1562, 0.6794,
0.2521

 130.1765, 0.4294,
0.3214

 1.2138, 0.7866,
0.2134

163.5081, 0.4208,
0.3225

 0.0729, 0.9644,
0.0356

202.0928, 0.4134,

 0.0000, 1.0000,

0.3234

0.0000

246.3150, 0.4069,
0.3241

■ 0.0000, 0.0000,
0.0000

■ 28.8611, 0.5045,
0.3082

■ 28.8611, 0.5045,
0.3082

■ 25.1294, 0.5486,
0.3094

■ 34.1593, 0.4613,
0.3093

■ 22.7867, 0.5881,
0.3133

■ 41.1666, 0.4226,
0.3119

■ 21.6187, 0.6173,
0.3195

■ 50.0149, 0.3896,
0.3154

■ 21.3840, 0.6245,
0.3214

■ 60.8219, 0.3623,
0.3192

■ 73.6956, 0.3403,
0.3230

 88.7358, 0.3225,
0.3267

99.9971, 0.3127,
0.3290

Harmonies

Analogous

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



28.8611, 0.4076, 0.2437



28.8611, 0.5045, 0.3082



28.8611, 0.5309, 0.3803

Triad

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



28.8611, 0.5045, 0.3082



28.8611, 0.3002, 0.5340



28.8611, 0.1495, 0.1767

Complementary

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



28.8611, 0.5045, 0.3082



79.2155, 0.2438, 0.3581

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.



28.8611, 0.1327, 0.2170



28.8611, 0.5045, 0.3082



28.8611, 0.2076, 0.4387

Square

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



28.8611, 0.5045, 0.3082



28.8611, 0.4012, 0.5258



28.8611, 0.1499, 0.3065



28.8611, 0.2005, 0.1719

Rectangle

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



28.8611, 0.5045, 0.3082



28.8611, 0.5076, 0.4316



28.8611, 0.1499, 0.3065



28.8611, 0.1403, 0.1856

Sweetspot

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



28.8627, 0.5045, 0.3082



69.1580, 0.3471, 0.3218



30.4603, 0.2956, 0.1675



14.0251, 0.3533, 0.3207



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.



28.8627, 0.5045, 0.3082



24.2029, 0.5626, 0.3104



42.0167, 0.4862, 0.3860



18.0287, 0.3272, 0.3257



11.1876, 0.6217, 0.3198



1.1013, 0.5955, 0.3054

Inverse Universe

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



28.8627, 0.5045, 0.3082



24.2029, 0.5626, 0.3104



48.4073, 0.2162, 0.2527



18.0287, 0.3272, 0.3257



11.1876, 0.6217, 0.3198



1.1013, 0.5955, 0.3054

Previews

White Background



This preview shows how the Yxy color 28.8611, 0.5045, 0.3082 looks on a white background.

Color Contrast Check

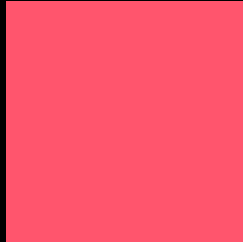
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8611, 0.5045, 0.3082 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 28.8611, 0.5045, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 28.8611, 0.5045, 0.3082.



This preview shows how white text looks on a background with the Yxy color 28.8611, 0.5045, 0.3082.

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

28.8611, 0.5045, 0.3082

Protanopia

28.9432, 0.3269, 0.3433

Deuteranopia

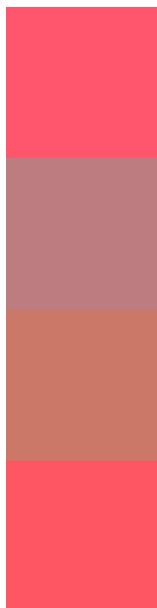
28.8097, 0.3945, 0.3865



Tritanopia

28.8406, 0.5227, 0.3253

Trichromacy



Original Color

28.8611, 0.5045, 0.3082

Protanomaly

26.7664, 0.3889, 0.3250

Deuteranomaly

27.2698, 0.4377, 0.3498

Tritanomaly

28.7881, 0.5157, 0.3191

Monochromacy



Original Color

28.8611, 0.5045, 0.3082

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.5759, 0.3801, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8611, 0.5045, 0.3082 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, 85, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 85, 109)  
}
```

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, 85, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 85, 109) }
```

Border

The CSS property to change the border of an element to Yxy 28.8611, 0.5045, 0.3082 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, 85, 109) }
```

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

```
.border{ border-color:rgb(255, 85, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 85, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 85, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 85, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 85,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8611, 0.5045, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 85, 109) }
```

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

```
.background{ background-color: rgb(255, 85,  
109) }
```

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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