

Converting Colors

$Yxy(28.8397, 0.5058, 0.3091)$

Have a look what the booklet for
Yxy(28.8397, 0.5058, 0.3091)
contains.

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Color

Yxy(28.8397, 0.5058, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	FF556C
RGB	255, 85, 108
RGB Percent	100%, 33%, 42%
CMY	0.0001, 0.6666, 0.5764
CMYK	0.00, 0.67, 0.58, 0.00
HSL	352°, 100%, 67%
HSV	352°, 67%, 100%
XYZ	47.1922, 28.8397, 17.2702
YIQ	138.4520, 93.9370, 43.1930

Conversions

Conversions Part 2

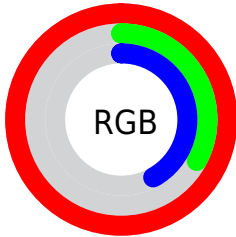
Format	Color
R_{YB}	255, 85, 108
Decimal	16733548
CIE _{Lab}	60.64, 65.58, 23.88
CIE _{LCh}	61, 69.793, 20.005
Yxy	28.8397, 0.5058, 0.3091
Android (android.graphics.Color)	4294923628 (0xFFFF556C)
YUV	138.4520, -15.0128, 102.2126
Hunter-Lab	53.7026, 62.8809, 18.5247

Details

The Yxy color **28.8397, 0.5058, 0.3091** 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 **79.2698, 0.2434, 0.3569**, and the grayscale version is **25.6333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4081, 0.4127, 0.3125**, and **11.6736, 0.5691, 0.2934** is the 20% darker color. If you saturate the color by 10%, you get **25.1110, 0.5500, 0.3103**, and if you desaturate by 10%, it is **34.1360, 0.4624, 0.3101**.

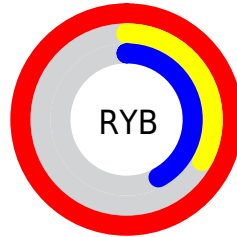
Distribution



Red (100%)

Green (33%)

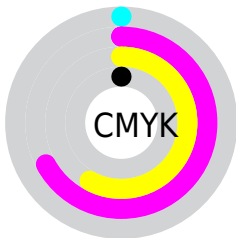
Blue (42%)



Red (100%)

Yellow (33%)

Blue (42%)

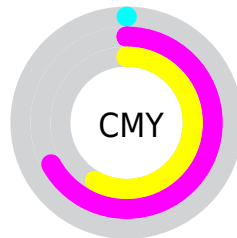


Cyan (0%)

Magenta (67%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (67%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8397, 0.5058, 0.3091 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 28.8397, 0.5058, 0.3091 by changing the saturation by 10% instead.


 28.8397, 0.5058,
0.3091


 28.8397, 0.5058,
0.3091


296.4579, 0.4018,
0.3252

 18.9596, 0.5333,
0.3028


 57.8223, 0.4666,
0.3166


 11.6411, 0.5691,
0.2932


 77.6936, 0.4523,
0.3189

 6.4998, 0.6166,
0.2781


 101.6640, 0.4403,
0.3207

 3.1513, 0.6814,
0.2529

 130.1181, 0.4302,
0.3220

 1.2112, 0.7866,
0.2134

163.4401, 0.4216,
0.3231

 0.0708, 0.9653,
0.0347

202.0145, 0.4141,

 0.0000, 1.0000,

0.3240


0.0000


246.2256, 0.4075,
0.3247

 0.0000, 0.0000,
0.0000


 28.8397, 0.5058,
0.3091


 28.8397, 0.5058,
0.3091


 25.1110, 0.5500,
0.3103


 34.1360, 0.4624,
0.3101


 22.7722, 0.5895,
0.3142


 41.1427, 0.4233,
0.3126


 21.6088, 0.6184,
0.3201

 49.9919, 0.3901,
0.3159

 21.3757, 0.6255,
0.3220

 60.8015, 0.3627,
0.3196

 73.6796, 0.3405,
0.3233

 88.7261, 0.3226,
0.3268

99.9974, 0.3127,
0.3290

Harmonies

Analogous

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



28.8397, 0.4095, 0.2444



28.8397, 0.5058, 0.3091



28.8397, 0.5310, 0.3813

Triad

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



28.8397, 0.5058, 0.3091



28.8397, 0.2987, 0.5338



28.8397, 0.1497, 0.1762

Complementary

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



28.8397, 0.5058, 0.3091



79.2698, 0.2434, 0.3569

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.



28.8397, 0.1325, 0.2159



28.8397, 0.5058, 0.3091



28.8397, 0.2063, 0.4371

Square

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



28.8397, 0.5058, 0.3091



28.8397, 0.3998, 0.5269



28.8397, 0.1491, 0.3047



28.8397, 0.2014, 0.1718

Rectangle

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



28.8397, 0.5058, 0.3091



28.8397, 0.5071, 0.4327



28.8397, 0.1491, 0.3047



28.8397, 0.1404, 0.1849

Sweetspot

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



28.8413, 0.5058, 0.3091



69.1438, 0.3474, 0.3221



30.4591, 0.2956, 0.1675



14.0218, 0.3536, 0.3210



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.



28.8413, 0.5058, 0.3091



24.1862, 0.5641, 0.3113



42.0155, 0.4862, 0.3860



18.0271, 0.3273, 0.3258



11.1828, 0.6228, 0.3204



1.1005, 0.5971, 0.3063

Inverse Universe

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



28.8413, 0.5058, 0.3091



24.1862, 0.5641, 0.3113



48.4062, 0.2162, 0.2527



18.0271, 0.3273, 0.3258



11.1828, 0.6228, 0.3204



1.1005, 0.5971, 0.3063

Previews

White Background



This preview shows how the Yxy color 28.8397, 0.5058, 0.3091 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 28.8397, 0.5058, 0.3091 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 28.8397, 0.5058, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 28.8397, 0.5058, 0.3091.

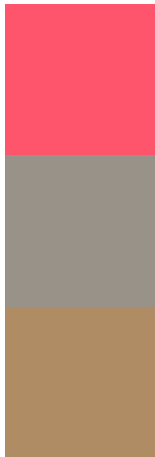


This preview shows how white text looks on a background with the Yxy color 28.8397, 0.5058, 0.3091.

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

28.8397, 0.5058, 0.3091

Protanopia

29.0107, 0.3290, 0.3449

Deuteranopia

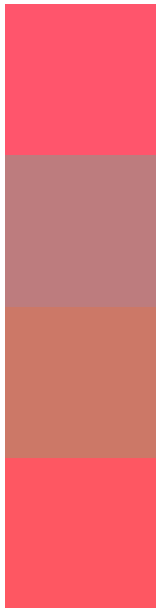
28.7902, 0.3956, 0.3879



Tritanopia

28.8406, 0.5227, 0.3253

Trichromacy



Original Color

28.8397, 0.5058, 0.3091

Protanomaly

26.7405, 0.3902, 0.3264

Deuteranomaly

27.2496, 0.4389, 0.3511

Tritanomaly

28.7691, 0.5170, 0.3200

Monochromacy



Original Color

28.8397, 0.5058, 0.3091

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.5497, 0.3814, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8397, 0.5058, 0.3091 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 85, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 85, 108) }
```

Border

The CSS property to change the border of an element to Yxy 28.8397, 0.5058, 0.3091 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, 108) }
```

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

```
.border{ border-color:rgb(255, 85, 108) }
```

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, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 85, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 85, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 85,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8397, 0.5058, 0.3091 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, 108) }
```

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

```
.background{ background-color: rgb(255, 85,  
108) }
```

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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