

Converting Colors

$Y_{xy}(28.1773, 0.4944, 0.3088)$

Have a look what the booklet for
Yxy(28.1773, 0.4944, 0.3088)
contains.

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Color

Yxy(28.2489, 0.4934, 0.3087)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F8596F |
| RGB | 248, 89, 111 |
| RGB Percent | 97%, 35%, 44% |
| CMY | 0.0275, 0.6509, 0.5647 |
| CMYK | 0.00, 0.64, 0.55, 0.03 |
| HSL | 352°, 92%, 66% |
| HSV | 352°, 64%, 97% |
| XYZ | 45.1507, 28.2489, 18.1097 |
| YIQ | 139.0490, 87.7020, 40.5500 |

Conversions

Conversions Part 2

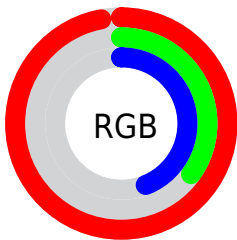
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 248, 89, 111 |
| Decimal | 16275823 |
| CIE Lab | 60.11, 62.06, 21.24 |
| CIE LCh | 60, 65.594, 18.894 |
| Yxy | 28.2489, 0.4934, 0.3087 |
| Android (android.graphics.Color) | 4294465903 (0xFFFF8596F) |
| YUV | 139.0490, -13.8282, 95.5500 |
| Hunter-Lab | 53.1497, 58.6238, 17.0029 |

Details

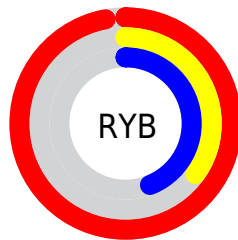
The Yxy color **28.2489, 0.4934, 0.3087** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **74.7465, 0.2450, 0.3562**, and the grayscale version is **25.8702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.4264, 0.4083, 0.3125**, and **11.3831, 0.5537, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **24.3784, 0.5377, 0.3093**, and if you desaturate by 10%, it is **33.6246, 0.4511, 0.3102**.

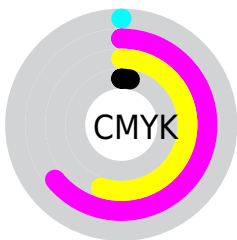
Distribution



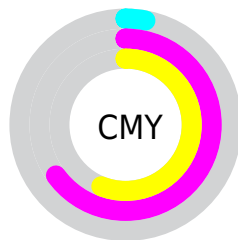
- Red (97%)
- Green (35%)
- Blue (44%)



- Red (97%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (64%)
- Yellow (55%)
- Black (3%)





- Cyan (3%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2489, 0.4934, 0.3087 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 28.2489, 0.4934, 0.3087 by changing the saturation by 10% instead.


 28.2489, 0.4934,
0.3087


 28.2489, 0.4934,
0.3087


293.6543, 0.3955,
0.3243


 18.5134, 0.5197,
0.3028


 56.8816, 0.4563,
0.3158


 11.3192, 0.5541,
0.2938


 76.5475, 0.4428,
0.3181

 6.2820, 0.6005,
0.2796


 100.2924, 0.4316,
0.3198

 3.0173, 0.6648,
0.2556

 128.5006, 0.4221,
0.3211

 1.1408, 0.7802,
0.2198

161.5564, 0.4140,
0.3221

 0.0125, 0.9928,
0.0072

199.8444, 0.4070,


 0.0000, 1.0000,


0.3230

0.0000


243.7489, 0.4009,
0.3237


 0.0000, 0.0000,
0.0000


 28.2489, 0.4934,
0.3087


 28.2489, 0.4934,
0.3087


 24.3784, 0.5377,
0.3093


 33.6246, 0.4511,
0.3102


 21.8542, 0.5790,
0.3124


 40.6340, 0.4137,
0.3130


 20.4903, 0.6113,
0.3180

 49.3970, 0.3822,
0.3166

 20.0721, 0.6248,
0.3215

 60.0211, 0.3563,
0.3204

 72.6052, 0.3354,
0.3241

 87.2411, 0.3186,
0.3276

 98.6950, 0.3084,
0.3290

Harmonies

Analogous

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



28.2489, 0.4006, 0.2462



28.2489, 0.4934, 0.3087



28.2489, 0.5214, 0.3787

Triad

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



28.2489, 0.4934, 0.3087



28.2489, 0.3046, 0.5230



28.2489, 0.1550, 0.1835

Complementary

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



28.2489, 0.4934, 0.3087



74.7465, 0.2450, 0.3562

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.



28.2489, 0.1395, 0.2240



28.2489, 0.4934, 0.3087



28.2489, 0.2149, 0.4353

Square

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



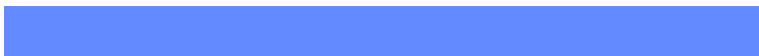
28.2489, 0.4934, 0.3087



28.2489, 0.4014, 0.5163



28.2489, 0.1576, 0.3111



28.2489, 0.2039, 0.1777

Rectangle

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



28.2489, 0.4934, 0.3087



28.2489, 0.5012, 0.4280



28.2489, 0.1576, 0.3111



28.2489, 0.1463, 0.1926

Sweetspot

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



28.2505, 0.4934, 0.3087



70.4846, 0.3451, 0.3223



29.7954, 0.2966, 0.1723



14.2825, 0.3513, 0.3212



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.



28.2505, 0.4934, 0.3087



25.0206, 0.5507, 0.3100



40.8235, 0.4769, 0.3848



17.2643, 0.3272, 0.3257



10.8554, 0.6220, 0.3200



1.0170, 0.5947, 0.3050

Inverse Universe

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



28.2505, 0.4934, 0.3087



25.0206, 0.5507, 0.3100



46.7554, 0.2192, 0.2562



17.2643, 0.3272, 0.3257



10.8554, 0.6220, 0.3200



1.0170, 0.5947, 0.3050

Previews

White Background



This preview shows how the Yxy color 28.2489, 0.4934, 0.3087 looks on a white background.

Color Contrast Check

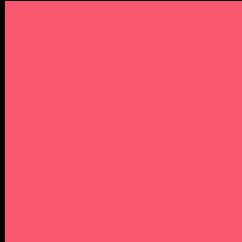
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2489, 0.4934, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

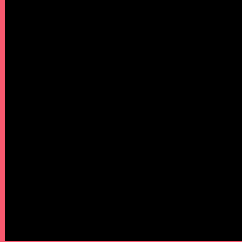
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.2489, 0.4934, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 28.2489, 0.4934, 0.3087.



This preview shows how white text looks on a background with the Yxy color 28.2489, 0.4934, 0.3087.

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

28.2489, 0.4934, 0.3087

Protanopia

28.5698, 0.3250, 0.3402

Deuteranopia

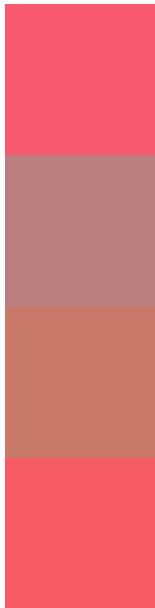
28.3287, 0.3906, 0.3827



Tritanopia

28.2915, 0.5093, 0.3249

Trichromacy



Original Color

28.2489, 0.4934, 0.3087

Protanomaly

26.6648, 0.3836, 0.3250

Deuteranomaly

26.9947, 0.4300, 0.3490

Tritanomaly

28.2156, 0.5035, 0.3192

Monochromacy



Original Color

28.2489, 0.4934, 0.3087

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.8434, 0.3756, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2489, 0.4934, 0.3087 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(248, 89, 111)` looks like.

```
.text, #text, p{  
    color:rgb(248, 89, 111)  
}
```

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(248, 89, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 89, 111) }
```

Border

The CSS property to change the border of an element to Yxy 28.2489, 0.4934, 0.3087 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(248, 89, 111) }
```

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

```
.border{ border-color:rgb(248, 89, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 89, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 89, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 89, 111);  
box-shadow:4px 4px 4px 4px rgb(248, 89,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2489, 0.4934, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 89, 111) }
```

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

```
.background{ background-color: rgb(248, 89,  
111) }
```

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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