

Converting Colors

$Y_{xy}(29.3940, 0.5044, 0.3125)$

Have a look what the booklet for
Yxy(29.3940, 0.5044, 0.3125)
contains.

Yxy(29.4875, 0.5035, 0.3124)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.4875, 0.5035, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	FF596C
RGB	255, 89, 108
RGB Percent	100%, 35%, 42%
CMY	0.0000, 0.6510, 0.5764
CMYK	0.00, 0.65, 0.58, 0.00
HSL	353°, 100%, 67%
HSV	353°, 65%, 100%
XYZ	47.5255, 29.4875, 17.3772
YIQ	140.8000, 92.8370, 41.1010

Conversions

Conversions Part 2

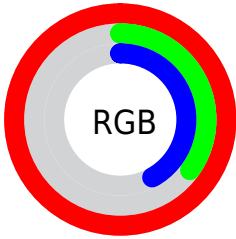
Format	Color
R_{YB}	255, 89, 108
Decimal	16734572
CIE Lab	61.21, 64.06, 24.63
CIE LCh	61, 68.630, 21.036
Yxy	29.4875, 0.5035, 0.3124
Android (android.graphics.Color)	4294924652 (0xFFFF596C)
YUV	140.8000, -16.1704, 100.1534
Hunter-Lab	54.3024, 61.1941, 19.0384

Details

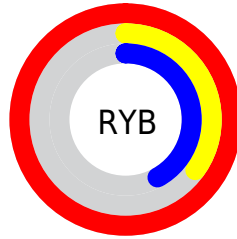
The Yxy color **29.4875, 0.5035, 0.3124** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **79.6977, 0.2429, 0.3518**, and the grayscale version is **26.5871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.6306, 0.4111, 0.3167**, and **12.0091, 0.5653, 0.2976** is the 20% darker color. If you saturate the color by 10%, you get **25.5318, 0.5485, 0.3133**, and if you desaturate by 10%, it is **35.0319, 0.4596, 0.3134**.

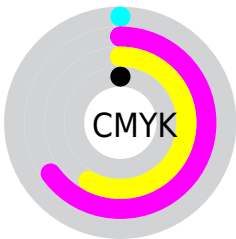
Distribution



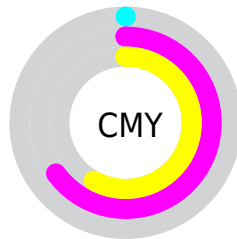
- Red (100%)
- Green (35%)
- Blue (42%)



- Red (100%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (65%)
- Yellow (58%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4875, 0.5035, 0.3124 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 29.4875, 0.5035, 0.3124 by changing the saturation by 10% instead.


 29.4875, 0.5035,
0.3124


 29.4875, 0.5035,
0.3124


299.5082, 0.4010,
0.3268


 19.4499, 0.5305,
0.3065


 58.8507, 0.4650,
0.3193

 11.9958, 0.5655,
0.2976


 78.9452, 0.4509,
0.3213

 6.7408, 0.6121,
0.2833


 103.1607, 0.4391,
0.3229

 3.3006, 0.6752,
0.2592

 131.8817, 0.4291,
0.3241

 1.2906, 0.7784,
0.2216

165.4925, 0.4205,
0.3250

 0.1339, 0.9375,
0.0625

204.3776, 0.4132,


 0.0000, 1.0000,

0.3257


0.0000


248.9214, 0.4067,
0.3263

 0.0000, 0.0000,
0.0000


 29.4875, 0.5035,
0.3124

 29.4875, 0.5035,
0.3124


 25.5318, 0.5485,
0.3133


 35.0319, 0.4596,
0.3134


 23.0025, 0.5891,
0.3164


 42.3172, 0.4204,
0.3156

 21.6900, 0.6190,
0.3215

 51.4700, 0.3872,
0.3184

 21.3498, 0.6289,
0.3238

 62.6071, 0.3600,
0.3215

 75.8357, 0.3380,
0.3246

 91.2552, 0.3203,
0.3276

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.



29.4875, 0.4113, 0.2481



29.4875, 0.5035, 0.3124



29.4875, 0.5261, 0.3840

Triad

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



29.4875, 0.5035, 0.3124



29.4875, 0.2963, 0.5267



29.4875, 0.1537, 0.1784

Complementary

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



29.4875, 0.5035, 0.3124



79.6977, 0.2429, 0.3518

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.



29.4875, 0.1356, 0.2165



29.4875, 0.5035, 0.3124



29.4875, 0.2063, 0.4298

Square

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



29.4875, 0.5035, 0.3124



29.4875, 0.3958, 0.5245



29.4875, 0.1511, 0.3019



29.4875, 0.2060, 0.1750

Rectangle

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



29.4875, 0.5035, 0.3124



29.4875, 0.5018, 0.4346



29.4875, 0.1511, 0.3019



29.4875, 0.1441, 0.1867

Sweetspot

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



29.4852, 0.5035, 0.3124



69.0912, 0.3482, 0.3231



32.1321, 0.3014, 0.1727



14.0094, 0.3545, 0.3222



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.



29.4852, 0.5035, 0.3124



24.6610, 0.5611, 0.3140



44.6406, 0.4761, 0.3909



18.0209, 0.3276, 0.3263



11.1664, 0.6265, 0.3225



1.0976, 0.6032, 0.3096

Inverse Universe

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



29.4852, 0.5035, 0.3124



24.6610, 0.5611, 0.3140



46.7623, 0.2161, 0.2473



18.0209, 0.3276, 0.3263



11.1664, 0.6265, 0.3225



1.0976, 0.6032, 0.3096

Previews

White Background



This preview shows how the Yxy color 29.4875, 0.5035, 0.3124 looks on a white background.

Color Contrast Check

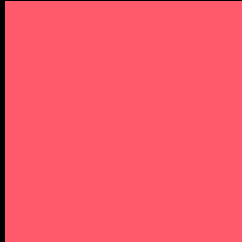
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4875, 0.5035, 0.3124 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 29.4875, 0.5035, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 29.4875, 0.5035, 0.3124.

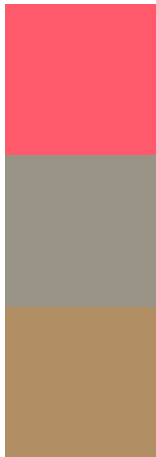


This preview shows how white text looks on a background with the Yxy color 29.4875, 0.5035, 0.3124.

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

29.4875, 0.5035, 0.3124

Protanopia

29.7991, 0.3318, 0.3495

Deuteranopia

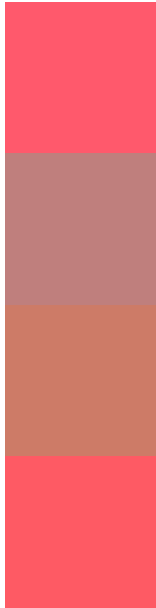
29.6132, 0.3966, 0.3901



Tritanopia

29.3975, 0.5169, 0.3252

Trichromacy



Original Color

29.4875, 0.5035, 0.3124

Protanomaly

27.7358, 0.3923, 0.3320

Deuteranomaly

28.1243, 0.4379, 0.3548

Tritanomaly

29.3033, 0.5125, 0.3207

Monochromacy



Original Color

29.4875, 0.5035, 0.3124

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.4491, 0.3788, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4875, 0.5035, 0.3124 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, 89, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 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, 89, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 108) }
```

Border

The CSS property to change the border of an element to Yxy 29.4875, 0.5035, 0.3124 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, 89, 108) }
```

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

```
.border{ border-color:rgb(255, 89, 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, 89, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4875, 0.5035, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 108) }
```

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

```
.background{ background-color: rgb(255, 89,  
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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