

Converting Colors

$Y_{xy}(29.4000, 0.4945, 0.3042)$

Have a look what the booklet for
Yxy(29.4000, 0.4945, 0.3042)
contains.

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Color

Yxy(29.4773, 0.4946, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	FF5873
RGB	255, 88, 115
RGB Percent	100%, 35%, 45%
CMY	0.0001, 0.6547, 0.5491
CMYK	0.00, 0.65, 0.55, 0.00
HSL	350°, 100%, 67%
HSV	350°, 65%, 100%
XYZ	47.8172, 29.4773, 19.3841
YIQ	141.0110, 90.8650, 43.8010

Conversions

Conversions Part 2

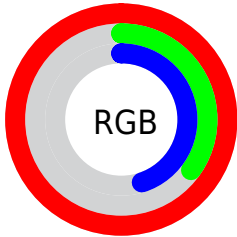
Format	Color
R _Y B	255, 88, 115
Decimal	16734323
CIE Lab	61.20, 64.91, 20.59
CIE LCh	61, 68.094, 17.604
Yxy	29.4773, 0.4946, 0.3049
Android (android.graphics.Color)	4294924403 (0xFFFF5873)
YUV	141.0110, -12.8234, 99.9684
Hunter-Lab	54.2930, 62.1967, 16.8370

Details

The Yxy color **29.4773, 0.4946, 0.3049** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **79.1849, 0.2458, 0.3618**, and the grayscale version is **26.6705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.6078, 0.4029, 0.3072**, and **11.9534, 0.5552, 0.2895** is the 20% darker color. If you saturate the color by 10%, you get **25.5611, 0.5381, 0.3057**, and if you desaturate by 10%, it is **34.9741, 0.4528, 0.3065**.

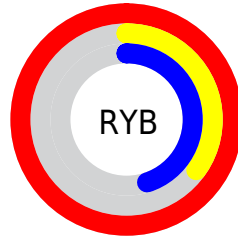
Distribution



Red (100%)

Green (35%)

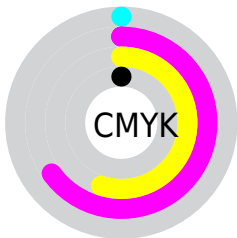
Blue (45%)



Red (100%)

Yellow (35%)

Blue (45%)

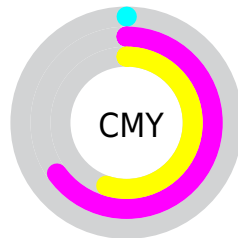


Cyan (0%)

Magenta (65%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (65%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4773, 0.4946, 0.3049 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 29.4773, 0.4946, 0.3049 by changing the saturation by 10% instead.


 29.4773, 0.4946,
0.3049


 29.4773, 0.4946,
0.3049


299.4604, 0.3968,
0.3223

 19.4422, 0.5206,
0.2986


 58.8346, 0.4577,
0.3126

 11.9902, 0.5545,
0.2894


 78.9255, 0.4442,
0.3151

 6.7370, 0.6001,
0.2751


 103.1372, 0.4330,
0.3170

 3.2982, 0.6628,
0.2515

 131.8540, 0.4235,
0.3185

 1.2893, 0.7809,
0.2191

165.4603, 0.4154,
0.3197

 0.1329, 0.9389,
0.0611

204.3406, 0.4083,

 0.0000, 1.0000,

0.3207


0.0000


248.8791, 0.4022,
0.3216

 0.0000, 0.0000,
0.0000


 29.4773, 0.4946,
0.3049

 29.4773, 0.4946,
0.3049


 25.5611, 0.5381,
0.3057


 34.9741, 0.4528,
0.3065


 23.0522, 0.5784,
0.3095


 42.1909, 0.4157,
0.3098

 21.7452, 0.6098,
0.3161

 51.2575, 0.3842,
0.3139

 21.4167, 0.6205,
0.3192

 62.2898, 0.3584,
0.3183

 75.3941, 0.3374,
0.3227

 90.6692, 0.3205,
0.3268

99.9956, 0.3127,
0.3290

Harmonies

Analogous

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



29.4773, 0.3975, 0.2421



29.4773, 0.4946, 0.3049



29.4773, 0.5260, 0.3755

Triad

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



29.4773, 0.4946, 0.3049



29.4773, 0.3080, 0.5298



29.4773, 0.1509, 0.1817

Complementary

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



29.4773, 0.4946, 0.3049



79.1849, 0.2458, 0.3618

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.



29.4773, 0.1366, 0.2244



29.4773, 0.4946, 0.3049



29.4773, 0.2159, 0.4435

Square

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



29.4773, 0.4946, 0.3049



29.4773, 0.4063, 0.5178



29.4773, 0.1563, 0.3152



29.4773, 0.1989, 0.1747

Rectangle

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



29.4773, 0.4946, 0.3049



29.4773, 0.5066, 0.4255



29.4773, 0.1563, 0.3152



29.4773, 0.1426, 0.1914

Sweetspot

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



29.4790, 0.4946, 0.3049



69.2109, 0.3463, 0.3207



30.5604, 0.2935, 0.1684



14.0376, 0.3523, 0.3195



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.



29.4790, 0.4946, 0.3049



24.5296, 0.5530, 0.3067



41.8121, 0.4844, 0.3827



18.0349, 0.3269, 0.3252



11.2070, 0.6173, 0.3175



1.1042, 0.5897, 0.3022

Inverse Universe

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



29.4790, 0.4946, 0.3049



24.5296, 0.5530, 0.3067



50.2944, 0.2184, 0.2580



18.0349, 0.3269, 0.3252



11.2070, 0.6173, 0.3175



1.1042, 0.5897, 0.3022

Previews

White Background



This preview shows how the Yxy color 29.4773, 0.4946, 0.3049 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 29.4773, 0.4946, 0.3049 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 29.4773, 0.4946, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 29.4773, 0.4946, 0.3049.



This preview shows how white text looks on a background with the Yxy color 29.4773, 0.4946, 0.3049.

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

29.4773, 0.4946, 0.3049

Protanopia

29.5565, 0.3209, 0.3337

Deuteranopia

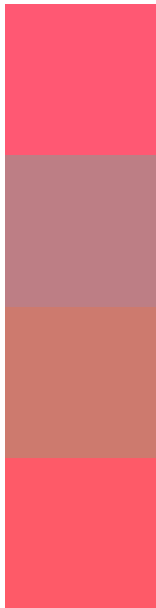
29.6376, 0.3880, 0.3804



Tritanopia

29.4161, 0.5156, 0.3243

Trichromacy



Original Color

29.4773, 0.4946, 0.3049

Protanomaly

27.4340, 0.3805, 0.3195

Deuteranomaly

28.0240, 0.4299, 0.3447

Tritanomaly

29.3826, 0.5073, 0.3170

Monochromacy



Original Color

29.4773, 0.4946, 0.3049

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.5301, 0.3750, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4773, 0.4946, 0.3049 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, 88, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 115)  
}
```

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, 88, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 115) }
```

Border

The CSS property to change the border of an element to Yxy 29.4773, 0.4946, 0.3049 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, 88, 115) }
```

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

```
.border{ border-color:rgb(255, 88, 115) }
```

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

Here you see how a box with a 4 pixel rgb(255, 88, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4773, 0.4946, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 115) }
```

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

```
.background{ background-color: rgb(255, 88,  
115) }
```

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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