

Converting Colors

$Y_{xy}(36.0070, 0.5160, 0.3108)$

Have a look what the booklet for
Yxy(36.0070, 0.5160, 0.3108)
contains.

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Color

Yxy(29.9800, 0.4929, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	FF5B73
RGB	255, 91, 115
RGB Percent	100%, 36%, 45%
CMY	0.0001, 0.6430, 0.5490
CMYK	0.00, 0.64, 0.55, 0.00
HSL	351°, 100%, 68%
HSV	351°, 64%, 100%
XYZ	48.0714, 29.9800, 19.4763
YIQ	142.7720, 90.0400, 42.2320

Conversions

Conversions Part 2

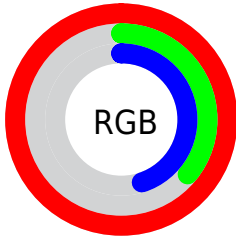
Format	Color
R _Y B	255, 91, 115
Decimal	16735091
CIE Lab	61.64, 63.73, 21.17
CIE LCh	62, 67.151, 18.375
Yxy	29.9800, 0.4929, 0.3074
Android (android.graphics.Color)	4294925171 (0xFFFF5B73)
YUV	142.7720, -13.6916, 98.4240
Hunter-Lab	54.7540, 60.8949, 17.2380

Details

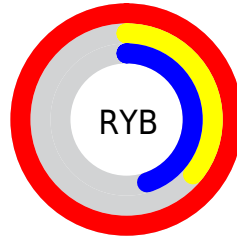
The Yxy color **29.9800, 0.4929, 0.3074** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted rose. A complement of this color would be **79.5035, 0.2454, 0.3580**, and the grayscale version is **27.4059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.2298, 0.4022, 0.3093**, and **12.2245, 0.5525, 0.2929** is the 20% darker color. If you saturate the color by 10%, you get **25.8930, 0.5370, 0.3080**, and if you desaturate by 10%, it is **35.6689, 0.4508, 0.3090**.

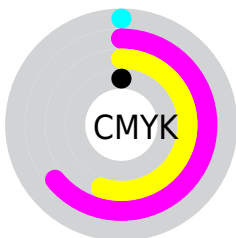
Distribution



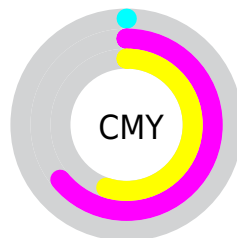
- Red (100%)
- Green (36%)
- Blue (45%)



- Red (100%)
- Yellow (36%)
- Blue (45%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9800, 0.4929, 0.3074 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 29.9800, 0.4929, 0.3074 by changing the saturation by 10% instead.

 29.9800, 0.4929,
0.3074


 29.9800, 0.4929,
0.3074


301.8112, 0.3962,
0.3235


 19.8234, 0.5185,
0.3015


 59.6305, 0.4565,
0.3146

 12.2667, 0.5519,
0.2927


 79.8933, 0.4432,
0.3169

 6.9256, 0.5967,
0.2790


 104.2935, 0.4320,
0.3187

 3.4156, 0.6583,
0.2563

 133.2157, 0.4226,
0.3201

 1.3524, 0.7746,
0.2254

167.0441, 0.4146,
0.3212

 0.1812, 0.9197,
0.0803

206.1633, 0.4076,


 0.0000, 1.0000,


0.3221


0.0000


250.9575, 0.4015,
0.3228


 0.0000, 0.0000,
0.0000

 29.9800, 0.4929,
0.3074


 29.9800, 0.4929,
0.3074

 25.8930, 0.5370,
0.3080

 35.6689, 0.4508,
0.3090

 23.2374, 0.5781,
0.3113


 43.0975, 0.4136,
0.3120


 21.8130, 0.6103,
0.3172

 52.3942, 0.3822,
0.3158

 21.3921, 0.6235,
0.3208

 63.6741, 0.3564,
0.3198

 77.0430, 0.3356,
0.3237

 92.5990, 0.3189,
0.3275

99.9966, 0.3127,
0.3290

Harmonies

Analogous

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



29.9800, 0.3989, 0.2450



29.9800, 0.4929, 0.3074



29.9800, 0.5222, 0.3775

Triad

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



29.9800, 0.4929, 0.3074



29.9800, 0.3062, 0.5245



29.9800, 0.1540, 0.1834

Complementary

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



29.9800, 0.4929, 0.3074



79.5035, 0.2454, 0.3580

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.



29.9800, 0.1391, 0.2248



29.9800, 0.4929, 0.3074



29.9800, 0.2158, 0.4379

Square

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



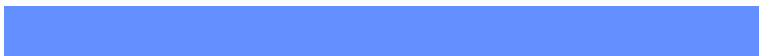
29.9800, 0.4929, 0.3074



29.9800, 0.4032, 0.5160



29.9800, 0.1578, 0.3129



29.9800, 0.2024, 0.1772

Rectangle

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



29.9800, 0.4929, 0.3074



29.9800, 0.5025, 0.4268



29.9800, 0.1578, 0.3129



29.9800, 0.1455, 0.1928

Sweetspot

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



29.9817, 0.4929, 0.3074



70.5044, 0.3448, 0.3219



31.5933, 0.2965, 0.1717



14.2872, 0.3509, 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.



29.9817, 0.4929, 0.3074



25.0463, 0.5486, 0.3086



43.3217, 0.4779, 0.3850



18.0304, 0.3271, 0.3255



11.1925, 0.6206, 0.3192



1.1021, 0.5939, 0.3046

Inverse Universe

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



29.9817, 0.4929, 0.3074



25.0463, 0.5486, 0.3086



49.6491, 0.2188, 0.2559



18.0304, 0.3271, 0.3255



11.1925, 0.6206, 0.3192



1.1021, 0.5939, 0.3046

Previews

White Background



This preview shows how the Yxy color 29.9800, 0.4929, 0.3074 looks on a white background.

Color Contrast Check

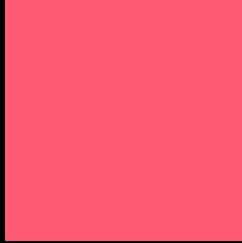
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9800, 0.4929, 0.3074 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 ✓ Pass

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

Yxy 29.9800, 0.4929, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 29.9800, 0.4929, 0.3074.



This preview shows how white text looks on a background with the Yxy color 29.9800, 0.4929, 0.3074.

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

29.9800, 0.4929, 0.3074

Protanopia

30.2504, 0.3226, 0.3384

Deuteranopia

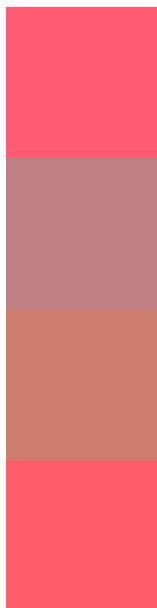
30.0536, 0.3886, 0.3816



Tritanopia

29.9771, 0.5111, 0.3251

Trichromacy



Original Color

29.9800, 0.4929, 0.3074

Protanomaly

28.0789, 0.3809, 0.3223

Deuteranomaly

28.5202, 0.4286, 0.3473

Tritanomaly

29.9195, 0.5041, 0.3186

Monochromacy



Original Color

29.9800, 0.4929, 0.3074

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.2991, 0.3754, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9800, 0.4929, 0.3074 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, 91, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 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, 91, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 115) }
```

Border

The CSS property to change the border of an element to Yxy 29.9800, 0.4929, 0.3074 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, 91, 115) }
```

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

```
.border{ border-color:rgb(255, 91, 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, 91, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9800, 0.4929, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 91, 115) }
```

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

```
.background{ background-color: rgb(255, 91,  
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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