

Converting Colors

$Y_{xy}(29.5305, 0.5008, 0.3105)$

Have a look what the booklet for
Yxy(29.5305, 0.5008, 0.3105)
contains.

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Color

Yxy(29.5305, 0.5008, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	FF596E
RGB	255, 89, 110
RGB Percent	100%, 35%, 43%
CMY	0.0000, 0.6510, 0.5686
CMYK	0.00, 0.65, 0.57, 0.00
HSL	352°, 100%, 67%
HSV	352°, 65%, 100%
XYZ	47.6292, 29.5305, 17.9466
YIQ	141.0280, 92.1950, 41.7230

Conversions

Conversions Part 2

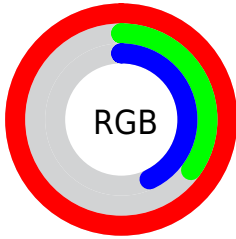
Format	Color
R_{YB}	255, 89, 110
Decimal	16734574
CIE _{Lab}	61.25, 64.18, 23.53
CIE _{LCh}	61, 68.359, 20.131
Yxy	29.5305, 0.5008, 0.3105
Android (android.graphics.Color)	4294924654 (0xFFFF596E)
YUV	141.0280, -15.2968, 99.9534
Hunter-Lab	54.3420, 61.3518, 18.4587

Details

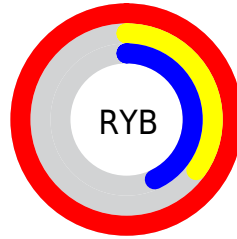
The Yxy color **29.5305, 0.5008, 0.3105** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **79.5834, 0.2437, 0.3543**, and the grayscale version is **26.6821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.7006, 0.4089, 0.3146**, and **12.0311, 0.5616, 0.2955** is the 20% darker color. If you saturate the color by 10%, you get **25.5712, 0.5455, 0.3114**, and if you desaturate by 10%, it is **35.0819, 0.4575, 0.3116**.

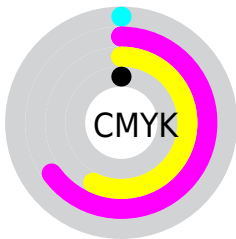
Distribution



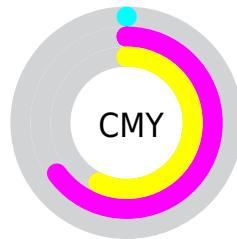
- Red (100%)
- Green (35%)
- Blue (43%)



- Red (100%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (65%)
- Yellow (57%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5305, 0.5008, 0.3105 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 29.5305, 0.5008, 0.3105 by changing the saturation by 10% instead.


 29.5305, 0.5008,
0.3105


 29.5305, 0.5008,
0.3105


299.7098, 0.3997,
0.3256


 19.4825, 0.5275,
0.3046


 58.9189, 0.4628,
0.3175


 12.0194, 0.5622,
0.2956


 79.0281, 0.4488,
0.3197

 6.7569, 0.6084,
0.2814


 103.2598, 0.4372,
0.3214

 3.3105, 0.6712,
0.2575

 131.9984, 0.4274,
0.3226

 1.2959, 0.7785,
0.2215

165.6283, 0.4190,
0.3236

 0.1380, 0.9361,
0.0639

204.5339, 0.4117,


 0.0000, 1.0000,


0.3244


0.0000


249.0996, 0.4053,
0.3251


 0.0000, 0.0000,
0.0000


 29.5305, 0.5008,
0.3105


 29.5305, 0.5008,
0.3105


 25.5712, 0.5455,
0.3114


 35.0819, 0.4575,
0.3116


 23.0335, 0.5861,
0.3147


 42.3683, 0.4189,
0.3141


 21.7112, 0.6166,
0.3201

 51.5191, 0.3862,
0.3173

 21.3658, 0.6270,
0.3228

 62.6505, 0.3593,
0.3207

 75.8694, 0.3377,
0.3242

 91.2752, 0.3202,
0.3274

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.



29.5305, 0.4074, 0.2467



29.5305, 0.5008, 0.3105



29.5305, 0.5257, 0.3817

Triad

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



29.5305, 0.5008, 0.3105



29.5305, 0.2995, 0.5271



29.5305, 0.1532, 0.1795

Complementary

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



29.5305, 0.5008, 0.3105



79.5834, 0.2437, 0.3543

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.



29.5305, 0.1362, 0.2187



29.5305, 0.5008, 0.3105



29.5305, 0.2090, 0.4332

Square

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



29.5305, 0.5008, 0.3105



29.5305, 0.3985, 0.5224



29.5305, 0.1527, 0.3055



29.5305, 0.2043, 0.1751

Rectangle

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



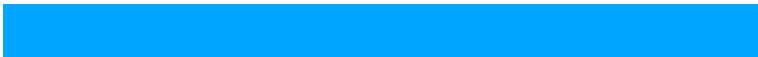
29.5305, 0.5008, 0.3105



29.5305, 0.5028, 0.4321



29.5305, 0.1527, 0.3055



29.5305, 0.1440, 0.1882

Sweetspot

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



29.5311, 0.5008, 0.3105



69.1217, 0.3477, 0.3225



31.6662, 0.2988, 0.1715



14.0166, 0.3540, 0.3215



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.



29.5311, 0.5008, 0.3105



24.6964, 0.5580, 0.3121



43.7517, 0.4784, 0.3881



18.0245, 0.3274, 0.3260



11.1757, 0.6244, 0.3213



1.0993, 0.5996, 0.3077

Inverse Universe

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



29.5311, 0.5008, 0.3105



24.6964, 0.5580, 0.3121



47.9870, 0.2170, 0.2510



18.0245, 0.3274, 0.3260



11.1757, 0.6244, 0.3213



1.0993, 0.5996, 0.3077

Previews

White Background



This preview shows how the Yxy color 29.5305, 0.5008, 0.3105 looks on a white background.

Color Contrast Check

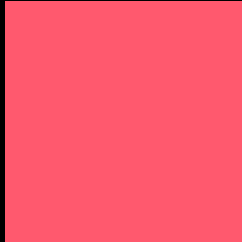
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5305, 0.5008, 0.3105 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 29.5305, 0.5008, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 29.5305, 0.5008, 0.3105.



This preview shows how white text looks on a background with the Yxy color 29.5305, 0.5008, 0.3105.

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

29.5305, 0.5008, 0.3105

Protanopia

29.7583, 0.3287, 0.3463

Deuteranopia

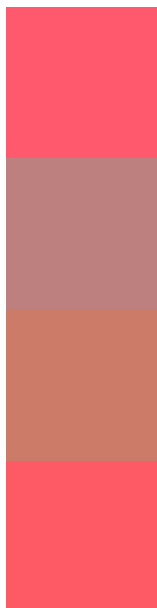
29.6524, 0.3945, 0.3873



Tritanopia

29.4161, 0.5156, 0.3243

Trichromacy



Original Color

29.5305, 0.5008, 0.3105

Protanomaly

27.6582, 0.3887, 0.3292

Deuteranomaly

28.1650, 0.4354, 0.3523

Tritanomaly

29.3425, 0.5099, 0.3188

Monochromacy



Original Color

29.5305, 0.5008, 0.3105

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.4759, 0.3776, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5305, 0.5008, 0.3105 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 110) }
```

Border

The CSS property to change the border of an element to Yxy 29.5305, 0.5008, 0.3105 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, 110) }
```

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

```
.border{ border-color:rgb(255, 89, 110) }
```

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, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5305, 0.5008, 0.3105 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, 110) }
```

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

```
.background{ background-color: rgb(255, 89,  
110) }
```

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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