

# Converting Colors

$Yxy(29.6018, 0.4989, 0.3094)$

Have a look what the booklet for  
Yxy(29.6018, 0.4989, 0.3094)  
contains.

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**Color**

**Yxy(29.5525, 0.4995, 0.3096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF596F
RGB	255, 89, 111
RGB Percent	100%, 35%, 44%
CMY	0.0000, 0.6509, 0.5648
CMYK	0.00, 0.65, 0.56, 0.00
HSL	352°, 100%, 67%
HSV	352°, 65%, 100%
XYZ	47.6792, 29.5525, 18.2221
YIQ	141.1420, 91.8740, 42.0340

# Conversions

## Conversions Part 2

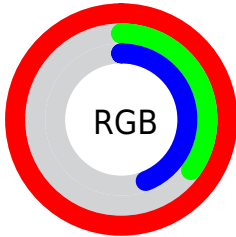
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 89, 111
Decimal	16734575
CIE Lab	61.27, 64.24, 23.00
CIE LCh	61, 68.233, 19.701
Yxy	29.5525, 0.4995, 0.3096
Android (android.graphics.Color)	4294924655 (0xFFFF596F)
YUV	141.1420, -14.8600, 99.8535
Hunter-Lab	54.3622, 61.4222, 18.1796

# Details

The Yxy color **29.5525, 0.4995, 0.3096** 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 **79.5272, 0.2440, 0.3555**, and the grayscale version is **26.7293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.7361, 0.4079, 0.3135**, and **12.0424, 0.5597, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **25.5906, 0.5440, 0.3105**, and if you desaturate by 10%, it is **35.1073, 0.4564, 0.3108**.

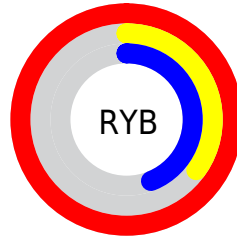
# Distribution



Red (100%)

Green (35%)

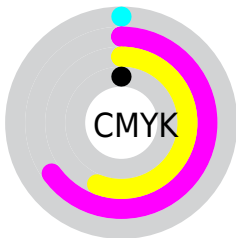
Blue (44%)



Red (100%)

Yellow (35%)

Blue (44%)

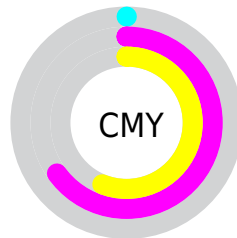


Cyan (0%)

Magenta (65%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (65%)


Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5525, 0.4995, 0.3096 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 29.5525, 0.4995, 0.3096 by changing the saturation by 10% instead.





 29.5525, 0.4995,  
0.3096


 29.5525, 0.4995,  
0.3096


299.8130, 0.3991,  
0.3251


 19.4992, 0.5260,  
0.3036


 58.9538, 0.4617,  
0.3167


 12.0315, 0.5606,  
0.2947


 79.0705, 0.4479,  
0.3190

 6.7651, 0.6066,  
0.2805


 103.3105, 0.4364,  
0.3206

 3.3157, 0.6694,  
0.2567

 132.0581, 0.4266,  
0.3220

 1.2987, 0.7786,  
0.2214

165.6977, 0.4182,  
0.3230

 0.1402, 0.9353,  
0.0647

204.6139, 0.4110,


 0.0000, 1.0000,


0.3238

0.0000


249.1908, 0.4047,  
0.3245


 0.0000, 0.0000,  
0.0000


 29.5525, 0.4995,  
0.3096


 29.5525, 0.4995,  
0.3096


 25.5906, 0.5440,  
0.3105


 35.1073, 0.4564,  
0.3108

 23.0485, 0.5847,  
0.3139


 42.3948, 0.4181,  
0.3134


 21.7211, 0.6154,  
0.3195

 51.5450, 0.3857,  
0.3168

 21.3730, 0.6260,  
0.3222

 62.6742, 0.3590,  
0.3204

 75.8890, 0.3375,  
0.3240

 91.2886, 0.3202,  
0.3274

99.9990, 0.3127,  
0.3290

# Harmonies

## Analogous

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



29.5525, 0.4056, 0.2460



29.5525, 0.4995, 0.3096



29.5525, 0.5255, 0.3807

# Triad

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



29.5525, 0.4995, 0.3096



29.5525, 0.3010, 0.5273



29.5525, 0.1530, 0.1801

# Complementary

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



29.5525, 0.4995, 0.3096



79.5272, 0.2440, 0.3555

# 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.



29.5525, 0.1364, 0.2198



29.5525, 0.4995, 0.3096



29.5525, 0.2103, 0.4348

# Square

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



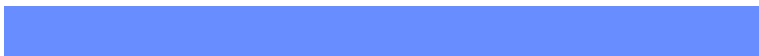
29.5525, 0.4995, 0.3096



29.5525, 0.3998, 0.5214



29.5525, 0.1535, 0.3072



29.5525, 0.2035, 0.1752



# Rectangle

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



29.5525, 0.4995, 0.3096



29.5525, 0.5033, 0.4309



29.5525, 0.1535, 0.3072



29.5525, 0.1439, 0.1889

# Sweetspot

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



29.5542, 0.4995, 0.3096



69.1361, 0.3475, 0.3222



31.6686, 0.2988, 0.1715



14.0200, 0.3537, 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.



29.5542, 0.4995, 0.3096



24.7135, 0.5565, 0.3112



43.7542, 0.4783, 0.3881



18.0262, 0.3273, 0.3259



11.1803, 0.6233, 0.3207



1.1001, 0.5980, 0.3068



# Inverse Universe

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



29.5542, 0.4995, 0.3096



24.7135, 0.5565, 0.3112



47.9892, 0.2171, 0.2510



18.0262, 0.3273, 0.3259



11.1803, 0.6233, 0.3207

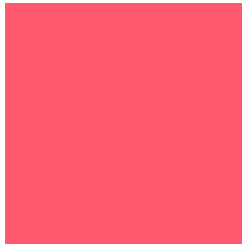


1.1001, 0.5980, 0.3068



# Previews

## White Background



This preview shows how the Yxy color 29.5525, 0.4995, 0.3096 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 29.5525, 0.4995, 0.3096 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 29.5525, 0.4995, 0.3096**

## Background



This preview shows how black text looks on a background with the Yxy color 29.5525, 0.4995, 0.3096.



This preview shows how white text looks on a background with the Yxy color 29.5525, 0.4995, 0.3096.

# 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

29.5525, 0.4995, 0.3096

### Protanopia

29.8162, 0.3267, 0.3432

### Deuteranopia

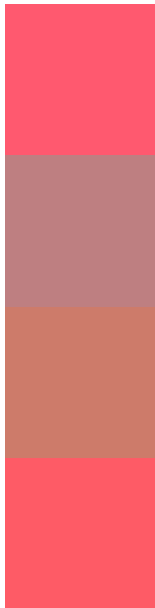
29.6724, 0.3935, 0.3859



## Tritanopia

29.5882, 0.5149, 0.3252

# Trichromacy



## Original Color

29.5525, 0.4995, 0.3096

## Protanomaly

27.7109, 0.3862, 0.3264

## Deuteranomaly

28.1857, 0.4342, 0.3511

## Tritanomaly

29.5123, 0.5093, 0.3197

# Monochromacy



## Original Color

29.5525, 0.4995, 0.3096

## 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 29.5525, 0.4995, 0.3096 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 89, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 111) }
```

## Border

The CSS property to change the border of an element to Yxy 29.5525, 0.4995, 0.3096 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, 111) }
```

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

```
.border{ border-color:rgb(255, 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(255, 89, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
111) }
```



# Background

The CSS property to change the background color of an element to Yxy 29.5525, 0.4995, 0.3096 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, 111) }
```

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

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