

Converting Colors

$Yxy(28.1409, 0.4975, 0.2965)$

Have a look what the booklet for
Yxy(28.1409, 0.4975, 0.2965)
contains.

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Color

Yxy(28.1129, 0.4980, 0.2967)

Conversions

Conversions Part 1

Format	Color
Hex	FF4F74
RGB	255, 79, 116
RGB Percent	100%, 31%, 45%
CMY	0.0000, 0.6901, 0.5452
CMYK	0.00, 0.69, 0.55, 0.00
HSL	347°, 100%, 65%
HSV	347°, 69%, 100%
XYZ	47.1865, 28.1129, 19.4526
YIQ	135.8420, 93.0190, 48.8190

Conversions

Conversions Part 2

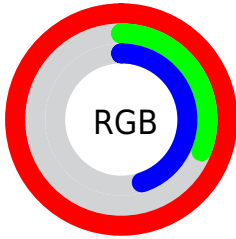
Format	Color
R_{YB}	255, 79, 116
Decimal	16732020
CIE _{Lab}	59.99, 68.36, 18.38
CIE _{LCh}	60, 70.791, 15.045
Yxy	28.1129, 0.4980, 0.2967
Android (android.graphics.Color)	4294922100 (0xFFFF4F74)
YUV	135.8420, -9.7821, 104.5016
Hunter-Lab	53.0216, 66.0679, 15.3628

Details

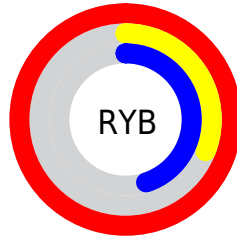
The Yxy color **28.1129, 0.4980, 0.2967** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **78.2463, 0.2475, 0.3750**, and the grayscale version is **24.5717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2641, 0.4047, 0.2980**, and **11.6238, 0.5568, 0.2841** is the 20% darker color. If you saturate the color by 10%, you get **24.6947, 0.5393, 0.2983**, and if you desaturate by 10%, it is **33.0458, 0.4576, 0.2983**.

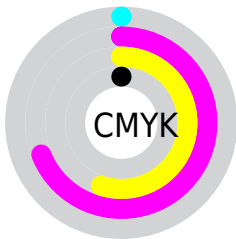
Distribution



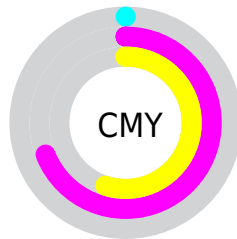
- Red (100%)
- Green (31%)
- Blue (45%)



- Red (100%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (69%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (69%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1129, 0.4980, 0.2967 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 28.1129, 0.4980, 0.2967 by changing the saturation by 10% instead.

 28.1129, 0.4980,
0.2967


 28.1129, 0.4980,
0.2967


293.0060, 0.3978,
0.3183


 18.4108, 0.5249,
0.2894


 56.6646, 0.4600,
0.3059


 11.2453, 0.5600,
0.2788

 76.2831, 0.4462,
0.3090

 6.2321, 0.6075,
0.2628

 99.9757, 0.4347,
0.3114

 2.9867, 0.6732,
0.2369

 128.1269, 0.4250,
0.3133

 1.1248, 0.7987,
0.2013

161.1212, 0.4167,
0.3149

 0.0000, 1.0000,
0.0000

199.3429, 0.4095,

 0.0000, 0.0000,

0.3162

0.0000

243.1763, 0.4033,
0.3173

■ 28.1129, 0.4980,
0.2967

■ 28.1129, 0.4980,
0.2967

■ 24.6947, 0.5393,
0.2983

■ 33.0458, 0.4576,
0.2983

■ 22.6084, 0.5770,
0.3037

■ 39.6389, 0.4211,
0.3021


■ 21.5953, 0.6065,
0.3121

■ 48.0258, 0.3898,
0.3073

■ 21.5217, 0.6090,
0.3128

■ 58.3253, 0.3638,
0.3130

■ 70.6459, 0.3425,
0.3187

 85.0879, 0.3253,
0.3243

99.9996, 0.3127,
0.3290

Harmonies

Analogous

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



28.1129, 0.3914, 0.2331



28.1129, 0.4980, 0.2967



28.1129, 0.5367, 0.3687

Triad

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



28.1129, 0.4980, 0.2967



28.1129, 0.3148, 0.5450



28.1129, 0.1419, 0.1773

Complementary

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



28.1129, 0.4980, 0.2967



78.2463, 0.2475, 0.3750

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.



28.1129, 0.1298, 0.2245



28.1129, 0.4980, 0.2967



28.1129, 0.2175, 0.4620

Square

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



28.1129, 0.4980, 0.2967



28.1129, 0.4167, 0.5213



28.1129, 0.1526, 0.3241



28.1129, 0.1879, 0.1679

Rectangle

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



28.1129, 0.4980, 0.2967



28.1129, 0.5190, 0.4203



28.1129, 0.1526, 0.3241



28.1129, 0.1343, 0.1882

Sweetspot

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



28.1145, 0.4980, 0.2967



68.0320, 0.3464, 0.3176



27.5462, 0.2836, 0.1581



13.8136, 0.3521, 0.3160



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.



28.1145, 0.4980, 0.2967



23.7144, 0.5551, 0.3000



37.4932, 0.5051, 0.3751



18.0495, 0.3261, 0.3240



11.2631, 0.6053, 0.3108



1.1117, 0.5751, 0.2942

Inverse Universe

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



28.1145, 0.4980, 0.2967



23.7144, 0.5551, 0.3000



52.6113, 0.2176, 0.2654



18.0495, 0.3261, 0.3240



11.2631, 0.6053, 0.3108



1.1117, 0.5751, 0.2942

Previews

White Background



This preview shows how the Yxy color 28.1129, 0.4980, 0.2967 looks on a white background.

Color Contrast Check

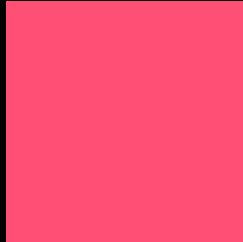
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1129, 0.4980, 0.2967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

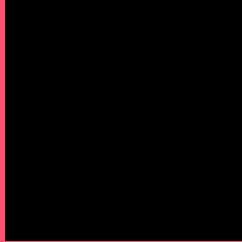
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1129, 0.4980, 0.2967

Background



This preview shows how black text looks on a background with the Yxy color 28.1129, 0.4980, 0.2967.

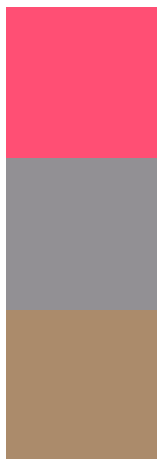


This preview shows how white text looks on a background with the Yxy color 28.1129, 0.4980, 0.2967.

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

28.1129, 0.4980, 0.2967

Protanopia

28.1956, 0.3109, 0.3226

Deuteranopia

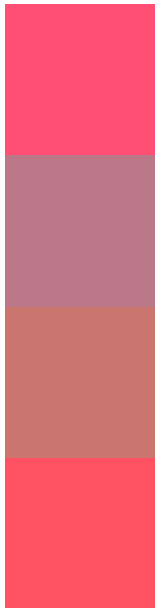
28.1847, 0.3839, 0.3773



Tritanopia

28.1327, 0.5304, 0.3254

Trichromacy



Original Color

28.1129, 0.4980, 0.2967

Protanomaly

25.6496, 0.3755, 0.3066

Deuteranomaly

26.4049, 0.4298, 0.3384

Tritanomaly

28.0063, 0.5189, 0.3149

Monochromacy



Original Color

28.1129, 0.4980, 0.2967

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.4302, 0.3779, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1129, 0.4980, 0.2967 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, 79, 116)` looks like.

```
.text, #text, p{  
  color:rgb(255, 79, 116)  
}
```

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, 79, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 116) }
```

Border

The CSS property to change the border of an element to Yxy 28.1129, 0.4980, 0.2967 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, 79, 116) }
```

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

```
.border{ border-color:rgb(255, 79, 116) }
```

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

Here you see how a box with a 4 pixel rgb(255, 79, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1129, 0.4980, 0.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 116) }
```

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

```
.background{ background-color: rgb(255, 79,  
116) }
```

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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