

Converting Colors

Yxy(31.8636, 0.5146, 0.2945)

Have a look what the booklet for
Yxy(31.8636, 0.5146, 0.2945)
contains.

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Color

Yxy(27.3570, 0.4965, 0.2893)

Conversions

Conversions Part 1

Format	Color
Hex	FF4977
RGB	255, 73, 119
RGB Percent	100%, 29%, 47%
CMY	0.0000, 0.7136, 0.5334
CMYK	0.00, 0.71, 0.53, 0.00
HSL	345°, 100%, 64%
HSV	345°, 71%, 100%
XYZ	46.9504, 27.3570, 20.2553
YIQ	132.6620, 93.7060, 52.8900

Conversions

Conversions Part 2

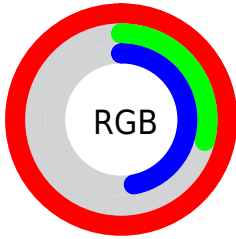
Format	Color
R_{YB}	255, 73, 119
Decimal	16730487
CIE _{Lab}	59.30, 70.67, 15.66
CIE _{LCh}	59, 72.380, 12.497
Yxy	27.3570, 0.4965, 0.2893
Android (android.graphics.Color)	4294920567 (0xFFFF4977)
YUV	132.6620, -6.7354, 107.2904
Hunter-Lab	52.3039, 68.6979, 13.6520

Details

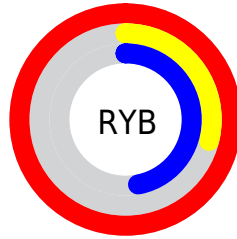
The Yxy color **27.3570, 0.4965, 0.2893** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **77.5385, 0.2498, 0.3873**, and the grayscale version is **23.3290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2505, 0.4027, 0.2908**, and **11.6614, 0.5506, 0.2807** is the 20% darker color. If you saturate the color by 10%, you get **24.2528, 0.5357, 0.2915**, and if you desaturate by 10%, it is **31.9285, 0.4578, 0.2909**.

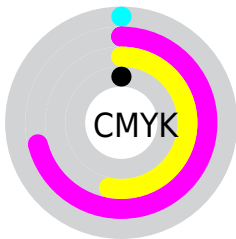
Distribution



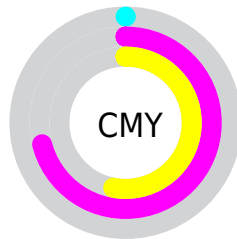
- Red (100%)
- Green (29%)
- Blue (47%)



- Red (100%)
- Yellow (29%)
- Blue (47%)



- Cyan (0%)
- Magenta (71%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3570, 0.4965, 0.2893 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 27.3570, 0.4965, 0.2893 by changing the saturation by 10% instead.

 27.3570, 0.4965,
0.2893


 27.3570, 0.4965,
0.2893


289.3815, 0.3968,
0.3143


 17.8415, 0.5234,
0.2812


 55.4562, 0.4586,
0.2997


 10.8363, 0.5587,
0.2698


 74.8087, 0.4449,
0.3032


 5.9568, 0.6067,
0.2527

 98.2091, 0.4334,
0.3060

 2.8189, 0.6736,
0.2257

 126.0416, 0.4238,
0.3083

 1.0379, 0.8057,
0.1894

 158.6907, 0.4156,
0.3102

 0.0000, 1.0000,
0.0000

196.5408, 0.4084,

 0.0000, 0.0000,

0.3118

0.0000

239.9763, 0.4022,
0.3132

■ 27.3570, 0.4965,
0.2893

■ 27.3570, 0.4965,
0.2893

■ 24.2528, 0.5357,
0.2915

■ 31.9285, 0.4578,
0.2909

■ 22.4258, 0.5715,
0.2980

■ 38.1174, 0.4225,
0.2953


■ 21.6338, 0.5968,
0.3061

■ 46.0599, 0.3920,
0.3013

■ 55.8767, 0.3664,
0.3081

■ 67.6777, 0.3453,
0.3150

 81.5642, 0.3282,
0.3218

 97.6308, 0.3144,
0.3282

99.9989, 0.3127,
0.3290

Harmonies

Analogous

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



27.3570, 0.3827, 0.2258



27.3570, 0.4965, 0.2893



27.3570, 0.5428, 0.3617

Triad

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



27.3570, 0.4965, 0.2893



27.3570, 0.3227, 0.5541



27.3570, 0.1358, 0.1759

Complementary

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



27.3570, 0.4965, 0.2893



77.5385, 0.2498, 0.3873

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.



27.3570, 0.1262, 0.2275



27.3570, 0.4965, 0.2893



27.3570, 0.2218, 0.4781

Square

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



27.3570, 0.4965, 0.2893



27.3570, 0.4262, 0.5202



27.3570, 0.1523, 0.3347



27.3570, 0.1793, 0.1638

Rectangle

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



27.3570, 0.4965, 0.2893



27.3570, 0.5279, 0.4139



27.3570, 0.1523, 0.3347



27.3570, 0.1289, 0.1880

Sweetspot

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



27.3586, 0.4965, 0.2893



68.1485, 0.3446, 0.3153



25.1765, 0.2735, 0.1497



13.8409, 0.3500, 0.3134



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.



27.3586, 0.4965, 0.2893



23.2607, 0.5530, 0.2940



34.1120, 0.5225, 0.3665



18.0624, 0.3254, 0.3230



11.3248, 0.5927, 0.3039



1.1193, 0.5612, 0.2865

Inverse Universe

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



27.3586, 0.4965, 0.2893



23.2607, 0.5530, 0.2940



55.9914, 0.2185, 0.2751



18.0624, 0.3254, 0.3230



11.3248, 0.5927, 0.3039



1.1193, 0.5612, 0.2865

Previews

White Background



This preview shows how the Yxy color 27.3570, 0.4965, 0.2893 looks on a white background.

Color Contrast Check

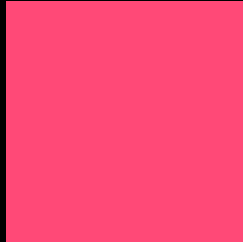
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3570, 0.4965, 0.2893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

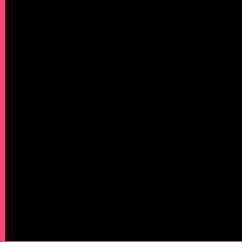
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3570, 0.4965, 0.2893

Background



This preview shows how black text looks on a background with the Yxy color 27.3570, 0.4965, 0.2893.



This preview shows how white text looks on a background with the Yxy color 27.3570, 0.4965, 0.2893.

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

27.3570, 0.4965, 0.2893

Protanopia

27.4299, 0.3011, 0.3098

Deuteranopia

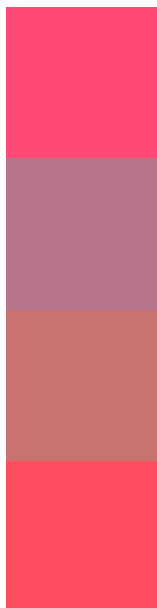
27.3419, 0.3781, 0.3704



Tritanopia

27.2601, 0.5385, 0.3264

Trichromacy



Original Color

27.3570, 0.4965, 0.2893

Protanomaly

24.7129, 0.3665, 0.2950

Deuteranomaly

25.5062, 0.4254, 0.3306

Tritanomaly

27.2417, 0.5246, 0.3128

Monochromacy



Original Color

27.3570, 0.4965, 0.2893

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.2745, 0.3783, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3570, 0.4965, 0.2893 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, 73, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 73, 119)  
}
```

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, 73, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 73, 119) }
```

Border

The CSS property to change the border of an element to Yxy 27.3570, 0.4965, 0.2893 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, 73, 119) }
```

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

```
.border{ border-color:rgb(255, 73, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 73, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 73, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 73, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 73,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3570, 0.4965, 0.2893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 73, 119) }
```

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

```
.background{ background-color: rgb(255, 73,  
119) }
```

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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