

Converting Colors

$Y_{xy}(27.7721, 0.4984, 0.2942)$

Have a look what the booklet for
Yxy(27.7721, 0.4984, 0.2942)
contains.

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Color

Yxy(27.7132, 0.4980, 0.2934)

Conversions

Conversions Part 1

Format	Color
Hex	FF4C75
RGB	255, 76, 117
RGB Percent	100%, 30%, 46%
CMY	0.0000, 0.7020, 0.5411
CMYK	0.00, 0.70, 0.54, 0.00
HSL	346°, 100%, 65%
HSV	346°, 70%, 100%
XYZ	47.0388, 27.7132, 19.7034
YIQ	134.1950, 93.5230, 50.6990

Conversions

Conversions Part 2

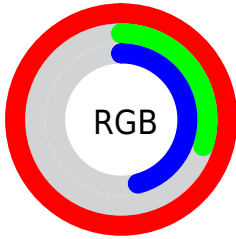
Format	Color
R_{YB}	255, 76, 117
Decimal	16731253
CIE _{Lab}	59.63, 69.51, 17.27
CIE _{LCh}	60, 71.624, 13.953
Yxy	27.7132, 0.4980, 0.2934
Android (android.graphics.Color)	4294921333 (0xFFFF4C75)
YUV	134.1950, -8.4771, 105.9460
Hunter-Lab	52.6433, 67.3705, 14.6592

Details

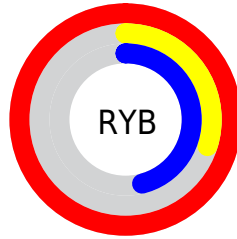
The Yxy color **27.7132, 0.4980, 0.2934** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **77.9104, 0.2485, 0.3805**, and the grayscale version is **23.9205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7329, 0.4042, 0.2949**, and **11.6361, 0.5547, 0.2830** is the 20% darker color. If you saturate the color by 10%, you get **24.4535, 0.5384, 0.2953**, and if you desaturate by 10%, it is **32.4605, 0.4583, 0.2950**.

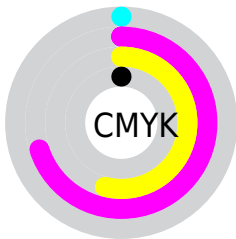
Distribution



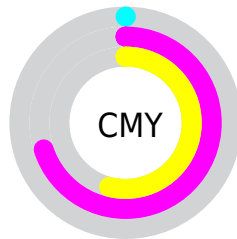
- Red (100%)
- Green (30%)
- Blue (46%)



- Red (100%)
- Yellow (30%)
- Blue (46%)



- Cyan (0%)
- Magenta (70%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7132, 0.4980, 0.2934 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 27.7132, 0.4980, 0.2934 by changing the saturation by 10% instead.

 27.7132, 0.4980,
0.2934

 27.7132, 0.4980,
0.2934


291.0939, 0.3976,
0.3166


 18.1096, 0.5250,
0.2857


 56.0262, 0.4599,
0.3032


 11.0287, 0.5604,
0.2747


 75.5044, 0.4461,
0.3065

 6.0861, 0.6082,
0.2581

 99.0429, 0.4346,
0.3090

 2.8975, 0.6747,
0.2316

 127.0261, 0.4248,
0.3111

 1.0785, 0.8043,
0.1957

159.8384, 0.4165,
0.3129

 0.0000, 1.0000,
0.0000

197.8643, 0.4094,

 0.0000, 0.0000,

0.3143

0.0000

241.4879, 0.4031,
0.3155

■ 27.7132, 0.4980,
0.2934

■ 27.7132, 0.4980,
0.2934

■ 24.4535, 0.5384,
0.2953

■ 32.4605, 0.4583,
0.2950

■ 22.5008, 0.5751,
0.3013


■ 38.8489, 0.4223,
0.2990

■ 21.5699, 0.6037,
0.3099

■ 47.0115, 0.3912,
0.3046

■ 57.0680, 0.3653,
0.3108

■ 69.1277, 0.3441,
0.3171

 83.2914, 0.3269,
0.3232

99.6533, 0.3130,
0.3289

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.



27.7132, 0.3880, 0.2297



27.7132, 0.4980, 0.2934



27.7132, 0.5400, 0.3657

Triad

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



27.7132, 0.4980, 0.2934



27.7132, 0.3180, 0.5497



27.7132, 0.1389, 0.1763

Complementary

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



27.7132, 0.4980, 0.2934



77.9104, 0.2485, 0.3805

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.



27.7132, 0.1278, 0.2254



27.7132, 0.4980, 0.2934



27.7132, 0.2190, 0.4693

Square

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



27.7132, 0.4980, 0.2934



27.7132, 0.4209, 0.5213



27.7132, 0.1521, 0.3285



27.7132, 0.1839, 0.1658

Rectangle

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



27.7132, 0.4980, 0.2934



27.7132, 0.5233, 0.4176



27.7132, 0.1521, 0.3285



27.7132, 0.1316, 0.1877

Sweetspot

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



27.7129, 0.4980, 0.2934



68.0842, 0.3456, 0.3166



26.5691, 0.2800, 0.1546



13.8258, 0.3511, 0.3148



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.



27.7129, 0.4980, 0.2934



23.5683, 0.5530, 0.2971



36.1294, 0.5124, 0.3723



18.0553, 0.3258, 0.3236



11.2893, 0.5999, 0.3078



1.1150, 0.5690, 0.2908

Inverse Universe

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



27.7129, 0.4980, 0.2934



23.5683, 0.5530, 0.2971



53.5106, 0.2175, 0.2681



18.0553, 0.3258, 0.3236



11.2893, 0.5999, 0.3078



1.1150, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 27.7132, 0.4980, 0.2934 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 27.7132, 0.4980, 0.2934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

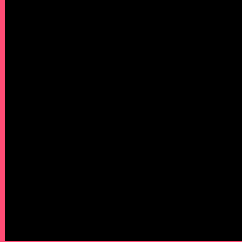
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7132, 0.4980, 0.2934

Background



This preview shows how black text looks on a background with the Yxy color 27.7132, 0.4980, 0.2934.



This preview shows how white text looks on a background with the Yxy color 27.7132, 0.4980, 0.2934.

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

27.7132, 0.4980, 0.2934

Protanopia

27.8086, 0.3060, 0.3162

Deuteranopia

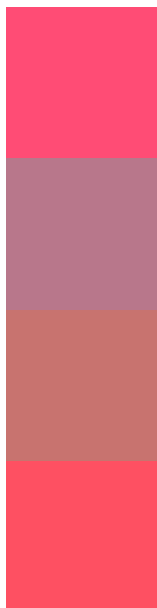
27.6947, 0.3810, 0.3748



Tritanopia

27.6054, 0.5335, 0.3255

Trichromacy



Original Color

27.7132, 0.4980, 0.2934

Protanomaly

25.2481, 0.3696, 0.3008

Deuteranomaly

25.6885, 0.4275, 0.3346

Tritanomaly

27.6900, 0.5214, 0.3142

Monochromacy



Original Color

27.7132, 0.4980, 0.2934

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.8337, 0.3788, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7132, 0.4980, 0.2934 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, 76, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 117)  
}
```

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, 76, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 117) }
```

Border

The CSS property to change the border of an element to Yxy 27.7132, 0.4980, 0.2934 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, 76, 117) }
```

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

```
.border{ border-color:rgb(255, 76, 117) }
```

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

Here you see how a box with a 4 pixel rgb(255, 76, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7132, 0.4980, 0.2934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 117) }
```

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

```
.background{ background-color: rgb(255, 76,  
117) }
```

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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