

Converting Colors

$Y_{xy}(47.7811, 0.5379, 0.2943)$

Have a look what the booklet for
Yxy(47.7811, 0.5379, 0.2943)
contains.

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Color

Yxy(27.3615, 0.4754, 0.2725)

Conversions

Conversions Part 1

Format	Color
Hex	FF4686
RGB	255, 70, 134
RGB Percent	100%, 27%, 53%
CMY	0.0000, 0.7255, 0.4746
CMYK	0.00, 0.73, 0.47, 0.00
HSL	339°, 100%, 64%
HSV	339°, 73%, 100%
XYZ	47.7345, 27.3615, 25.3132
YIQ	132.6110, 89.7160, 59.1240

Conversions

Conversions Part 2

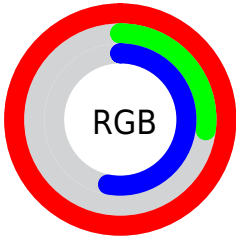
Format	Color
R _Y B	255, 70, 134
Decimal	16729734
CIE Lab	59.31, 72.84, 6.86
CIE LCh	59, 73.158, 5.383
Yxy	27.3615, 0.4754, 0.2725
Android (android.graphics.Color)	4294919814 (0xFFFF4686)
YUV	132.6110, 0.6848, 107.3352
Hunter-Lab	52.3082, 71.3530, 7.9240

Details

The Yxy color **27.3615, 0.4754, 0.2725** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **76.5847, 0.2566, 0.4121**, and the grayscale version is **23.2794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.3504, 0.3853, 0.2725**, and **11.8623, 0.5208, 0.2642** is the 20% darker color. If you saturate the color by 10%, you get **24.3906, 0.5099, 0.2740**, and if you desaturate by 10%, it is **31.7589, 0.4419, 0.2755**.

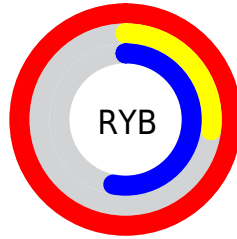
Distribution



Red (100%)

Green (27%)

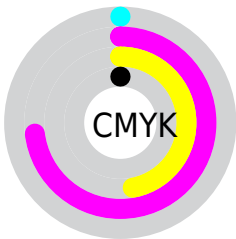
Blue (53%)



Red (100%)

Yellow (27%)

Blue (53%)

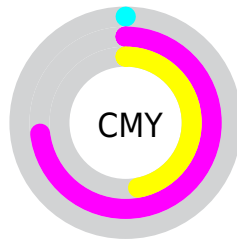


Cyan (0%)

Magenta (73%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3615, 0.4754, 0.2725 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 27.3615, 0.4754, 0.2725 by changing the saturation by 10% instead.

 27.3615, 0.4754,
0.2725


 27.3615, 0.4754,
0.2725

289.4032, 0.3875,
0.3044


 17.8449, 0.4992,
0.2633


 55.4634, 0.4420,
0.2850

 10.8387, 0.5307,
0.2509


 74.8175, 0.4299,
0.2894


 5.9585, 0.5739,
0.2333

 98.2196, 0.4198,
0.2930

 2.8198, 0.6357,
0.2069

 126.0540, 0.4113,
0.2961

 1.0384, 0.7315,
0.1659

 158.7052, 0.4040,
0.2986

 0.0000, 1.0000,
0.0000

196.5575, 0.3978,

 0.0000, 0.0000,

0.3009

0.0000

239.9954, 0.3923,
0.3028

■ 27.3615, 0.4754,
0.2725

■ 27.3615, 0.4754,
0.2725

■ 24.3906, 0.5099,
0.2740

■ 31.7589, 0.4419,
0.2755

■ 22.6580, 0.5425,
0.2806

■ 37.7384, 0.4113,
0.2818

■ 21.9677, 0.5642,
0.2882

■ 45.4351, 0.3846,
0.2901

■ 54.9697, 0.3621,
0.2993

■ 66.4515, 0.3434,
0.3088

 79.9817, 0.3280,
0.3181

 95.6541, 0.3155,
0.3269

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.



27.3615, 0.3528, 0.2122



27.3615, 0.4754, 0.2725



27.3615, 0.5419, 0.3437

Triad

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



27.3615, 0.4754, 0.2725



27.3615, 0.3477, 0.5565



27.3615, 0.1292, 0.1827

Complementary

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



27.3615, 0.4754, 0.2725



76.5847, 0.2566, 0.4121

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.



27.3615, 0.1274, 0.2465



27.3615, 0.4754, 0.2725



27.3615, 0.2430, 0.5087

Square

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



27.3615, 0.4754, 0.2725



27.3615, 0.4494, 0.5041



27.3615, 0.1634, 0.3684



27.3615, 0.1645, 0.1625

Rectangle

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



27.3615, 0.4754, 0.2725



27.3615, 0.5388, 0.3949



27.3615, 0.1634, 0.3684



27.3615, 0.1249, 0.1982

Sweetspot

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



27.3615, 0.4754, 0.2725



67.1386, 0.3425, 0.3093



22.5803, 0.2582, 0.1403



13.6551, 0.3471, 0.3068



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.



27.3615, 0.4754, 0.2725



23.4791, 0.5248, 0.2763



30.3914, 0.5411, 0.3522



18.0908, 0.3240, 0.3208



11.5038, 0.5599, 0.2858



1.1397, 0.5283, 0.2684

Inverse Universe

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



27.3615, 0.4754, 0.2725



23.4791, 0.5248, 0.2763



63.5975, 0.2227, 0.2944



18.0908, 0.3240, 0.3208



11.5038, 0.5599, 0.2858



1.1397, 0.5283, 0.2684

Previews

White Background



This preview shows how the Yxy color 27.3615, 0.4754, 0.2725 looks on a white background.

Color Contrast Check

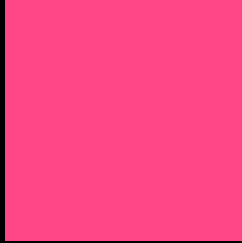
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3615, 0.4754, 0.2725 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 27.3615, 0.4754, 0.2725

Background



This preview shows how black text looks on a background with the Yxy color 27.3615, 0.4754, 0.2725.



This preview shows how white text looks on a background with the Yxy color 27.3615, 0.4754, 0.2725.

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

27.3615, 0.4754, 0.2725

Protanopia

27.6754, 0.2765, 0.2776

Deuteranopia

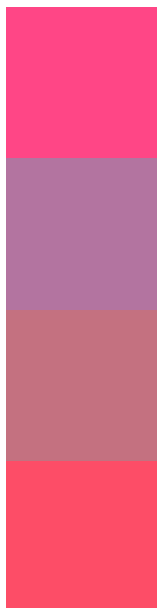
27.4442, 0.3550, 0.3493



Tritanopia

27.2522, 0.5347, 0.3255

Trichromacy



Original Color

27.3615, 0.4754, 0.2725

Protanomaly

24.6126, 0.3383, 0.2671

Deuteranomaly

25.1045, 0.4010, 0.3091

Tritanomaly

27.1697, 0.5156, 0.3072

Monochromacy



Original Color

27.3615, 0.4754, 0.2725

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.1924, 0.3719, 0.2954

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3615, 0.4754, 0.2725 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, 70, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 70, 134)  
}
```

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, 70, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 134) }
```

Border

The CSS property to change the border of an element to Yxy 27.3615, 0.4754, 0.2725 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, 70, 134) }
```

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

```
.border{ border-color:rgb(255, 70, 134) }
```

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

Here you see how a box with a 4 pixel rgb(255, 70, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 70, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 70, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 70,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3615, 0.4754, 0.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 70, 134) }
```

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

```
.background{ background-color: rgb(255, 70,  
134) }
```

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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