

Converting Colors

Yxy(27.9111, 0.4742, 0.2758)

Have a look what the booklet for
Yxy(27.9111, 0.4742, 0.2758)
contains.

Yxy(27.8788, 0.4739, 0.2753)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.8788, 0.4739, 0.2753)

Conversions

Conversions Part 1

Format	Color
Hex	FF4A86
RGB	255, 74, 134
RGB Percent	100%, 29%, 53%
CMY	0.0000, 0.7097, 0.4746
CMYK	0.00, 0.71, 0.47, 0.00
HSL	340°, 100%, 65%
HSV	340°, 71%, 100%
XYZ	47.9904, 27.8788, 25.3978
YIQ	134.9590, 88.6160, 57.0320

Conversions

Conversions Part 2

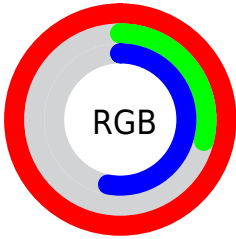
Format	Color
RYB	255, 74, 134
Decimal	16730758
CIELab	59.78, 71.51, 7.54
CIElCh	60, 71.908, 6.018
Yxy	27.8788, 0.4739, 0.2753
Android (android.graphics.Color)	4294920838 (0xFFFF4A86)
YUV	134.9590, -0.4728, 105.2760
Hunter-Lab	52.8004, 69.8385, 8.4409

Details

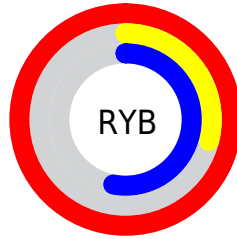
The Yxy color **27.8788, 0.4739, 0.2753** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **76.9178, 0.2559, 0.4063**, and the grayscale version is **24.1921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1758, 0.3845, 0.2755**, and **11.8623, 0.5208, 0.2642** is the 20% darker color. If you saturate the color by 10%, you get **24.6990, 0.5092, 0.2763**, and if you desaturate by 10%, it is **32.5172, 0.4399, 0.2786**.

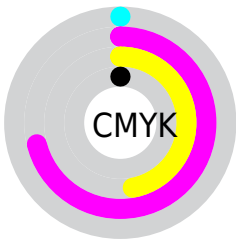
Distribution



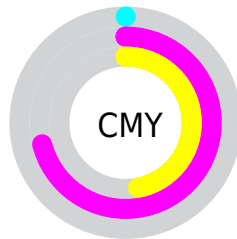
- Red (100%)
- Green (29%)
- Blue (53%)



- Red (100%)
- Yellow (29%)
- Blue (53%)



- Cyan (0%)
- Magenta (71%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.8788, 0.4739, 0.2753 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 27.8788, 0.4739, 0.2753 by changing the saturation by 10% instead.


 27.8788, 0.4739,
0.2753


 27.8788, 0.4739,
0.2753

291.8873, 0.3869,
0.3058


 18.2343, 0.4974,
0.2665


 56.2909, 0.4409,
0.2873

 11.1183, 0.5285,
0.2546


 75.8273, 0.4289,
0.2915

 6.1465, 0.5710,
0.2376

 99.4298, 0.4189,
0.2949

 2.9344, 0.6319,
0.2120

 127.4827, 0.4105,
0.2978

 1.0976, 0.7259,
0.1720

160.3706, 0.4033,
0.3003

 0.0000, 1.0000,
0.0000


198.4777, 0.3971,


 0.0000, 0.0000,


0.3024


0.0000


242.1885, 0.3917,
0.3042


 27.8788, 0.4739,
0.2753


 27.8788, 0.4739,
0.2753

 24.6990, 0.5092,
0.2763


 32.5172, 0.4399,
0.2786


 22.7910, 0.5430,
0.2823


 38.7617, 0.4091,
0.2849


 21.9075, 0.5698,
0.2912

 46.7464, 0.3824,
0.2930

 56.5903, 0.3599,
0.3020

 68.4016, 0.3414,
0.3111

 82.2803, 0.3262,
0.3199

 98.3194, 0.3138,
0.3282

99.9998, 0.3127,
0.3290

Harmonies

Analogous

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



27.8788, 0.3548, 0.2154



27.8788, 0.4739, 0.2753



27.8788, 0.5375, 0.3459

Triad

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



27.8788, 0.4739, 0.2753



27.8788, 0.3459, 0.5516



27.8788, 0.1325, 0.1847

Complementary

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



27.8788, 0.4739, 0.2753



76.9178, 0.2559, 0.4063

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.



27.8788, 0.1302, 0.2467



27.8788, 0.4739, 0.2753



27.8788, 0.2430, 0.5015

Square

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



27.8788, 0.4739, 0.2753



27.8788, 0.4459, 0.5032



27.8788, 0.1652, 0.3648



27.8788, 0.1682, 0.1652

Rectangle

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



27.8788, 0.4739, 0.2753



27.8788, 0.5340, 0.3966



27.8788, 0.1652, 0.3648



27.8788, 0.1281, 0.1998

Sweetspot

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



27.8804, 0.4739, 0.2753



68.3680, 0.3414, 0.3110



23.6783, 0.2625, 0.1448



13.8925, 0.3462, 0.3085



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.



27.8804, 0.4739, 0.2753



23.7894, 0.5232, 0.2781



31.6916, 0.5317, 0.3551



18.0863, 0.3242, 0.3212



11.4718, 0.5654, 0.2889



1.1362, 0.5336, 0.2713

Inverse Universe

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



27.8804, 0.4739, 0.2753



23.7894, 0.5232, 0.2781



62.4380, 0.2228, 0.2913



18.0863, 0.3242, 0.3212



11.4718, 0.5654, 0.2889



1.1362, 0.5336, 0.2713

Previews

White Background



This preview shows how the Yxy color 27.8788, 0.4739, 0.2753 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 27.8788, 0.4739, 0.2753 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 27.8788, 0.4739, 0.2753

Background



This preview shows how black text looks on a background with the Yxy color 27.8788, 0.4739, 0.2753.



This preview shows how white text looks on a background with the Yxy color 27.8788, 0.4739, 0.2753.

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

27.8788, 0.4739, 0.2753

Protanopia

28.0653, 0.2802, 0.2824

Deuteranopia

27.9452, 0.3570, 0.3507



Tritanopia

27.7574, 0.5289, 0.3254

Trichromacy



Original Color

27.8788, 0.4739, 0.2753



Protanomaly

25.2838, 0.3416, 0.2716



Deuteranomaly

25.8257, 0.4024, 0.3119



Tritanomaly

27.6399, 0.5112, 0.3076

Monochromacy



Original Color

27.8788, 0.4739, 0.2753



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

23.1432, 0.3707, 0.2972

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8788, 0.4739, 0.2753 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, 74, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 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, 74, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 134) }
```

Border

The CSS property to change the border of an element to Yxy 27.8788, 0.4739, 0.2753 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, 74, 134) }
```

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

```
.border{ border-color:rgb(255, 74, 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, 74, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8788, 0.4739, 0.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 134) }
```

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

```
.background{ background-color: rgb(255, 74,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor