

Converting Colors

$Y_{xy}(28.1512, 0.4753, 0.2785)$

Have a look what the booklet for
Yxy(28.1512, 0.4753, 0.2785)
contains.

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Color

Yxy(28.0948, 0.4760, 0.2787)

Conversions

Conversions Part 1

Format	Color
Hex	FF4C84
RGB	255, 76, 132
RGB Percent	100%, 30%, 52%
CMY	0.0001, 0.7018, 0.4823
CMYK	0.00, 0.70, 0.48, 0.00
HSL	341°, 100%, 65%
HSV	341°, 70%, 100%
XYZ	47.9839, 28.0948, 24.7279
YIQ	135.9050, 88.7080, 55.3640

Conversions

Conversions Part 2

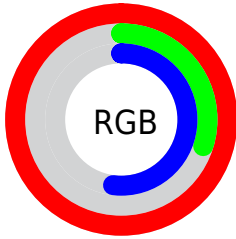
Format	Color
R _Y B	255, 76, 132
Decimal	16731268
CIE Lab	59.97, 70.65, 8.97
CIE LCh	60, 71.219, 7.234
Yxy	28.0948, 0.4760, 0.2787
Android (android.graphics.Color)	4294921348 (0xFFFF4C84)
YUV	135.9050, -1.9252, 104.4463
Hunter-Lab	53.0045, 68.8346, 9.4430

Details

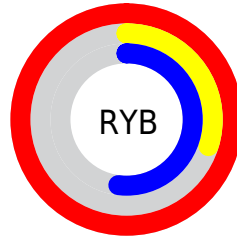
The Yxy color **28.0948, 0.4760, 0.2787** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **77.1676, 0.2547, 0.4007**, and the grayscale version is **24.5721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3711, 0.3865, 0.2785**, and **11.8310, 0.5251, 0.2666** is the 20% darker color. If you saturate the color by 10%, you get **24.8097, 0.5124, 0.2796**, and if you desaturate by 10%, it is **32.8548, 0.4411, 0.2819**.

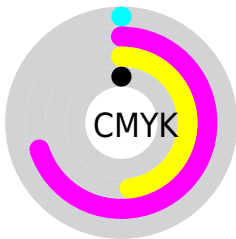
Distribution



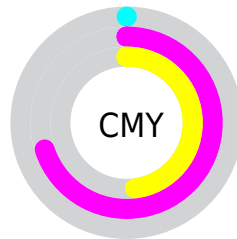
- Red (100%)
- Green (30%)
- Blue (52%)



- Red (100%)
- Yellow (30%)
- Blue (52%)



- Cyan (0%)
- Magenta (70%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0948, 0.4760, 0.2787 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 28.0948, 0.4760, 0.2787 by changing the saturation by 10% instead.


 28.0948, 0.4760,
0.2787


 28.0948, 0.4760,
0.2787


292.9196, 0.3879,
0.3077


 18.3971, 0.4998,
0.2702


 56.6358, 0.4426,
0.2901

 11.2355, 0.5312,
0.2586


 76.2478, 0.4304,
0.2942

 6.2255, 0.5742,
0.2420

 99.9335, 0.4203,
0.2974

 2.9827, 0.6355,
0.2168

 128.0772, 0.4118,
0.3002

 1.1227, 0.7317,
0.1774

161.0632, 0.4045,
0.3025

 0.0000, 1.0000,
0.0000

199.2761, 0.3982,

 0.0000, 0.0000,

0.3045

0.0000

243.1001, 0.3927,
0.3062

■ 28.0948, 0.4760,
0.2787

■ 28.0948, 0.4760,
0.2787

■ 24.8097, 0.5124,
0.2796

■ 32.8548, 0.4411,
0.2819

■ 22.8154, 0.5470,
0.2854


■ 39.2357, 0.4096,
0.2879

■ 21.8314, 0.5766,
0.2950

■ 47.3706, 0.3824,
0.2957

■ 57.3777, 0.3596,
0.3042

■ 69.3649, 0.3408,
0.3127

 83.4317, 0.3254,
0.3210

99.6709, 0.3129,
0.3289

99.9958, 0.3127,
0.3290

Harmonies

Analogous

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



28.0948, 0.3594, 0.2186



28.0948, 0.4760, 0.2787



28.0948, 0.5359, 0.3492

Triad

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



28.0948, 0.4760, 0.2787



28.0948, 0.3418, 0.5491



28.0948, 0.1348, 0.1847

Complementary

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



28.0948, 0.4760, 0.2787



77.1676, 0.2547, 0.4007

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.



28.0948, 0.1313, 0.2443



28.0948, 0.4760, 0.2787



28.0948, 0.2402, 0.4946

Square

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



28.0948, 0.4760, 0.2787



28.0948, 0.4415, 0.5048



28.0948, 0.1645, 0.3589



28.0948, 0.1717, 0.1666

Rectangle

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



28.0948, 0.4760, 0.2787



28.0948, 0.5306, 0.3998



28.0948, 0.1645, 0.3589



28.0948, 0.1300, 0.1991

Sweetspot

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



28.0964, 0.4760, 0.2787



68.3159, 0.3422, 0.3120



24.4414, 0.2660, 0.1477



13.8802, 0.3471, 0.3097



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.



28.0964, 0.4760, 0.2787



23.9106, 0.5260, 0.2812



32.6823, 0.5257, 0.3580



18.0807, 0.3245, 0.3216



11.4332, 0.5723, 0.2926



1.1319, 0.5403, 0.2750

Inverse Universe

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



28.0964, 0.4760, 0.2787



23.9106, 0.5260, 0.2812



61.0908, 0.2224, 0.2879



18.0807, 0.3245, 0.3216



11.4332, 0.5723, 0.2926



1.1319, 0.5403, 0.2750

Previews

White Background



This preview shows how the Yxy color 28.0948, 0.4760, 0.2787 looks on a white background.

Color Contrast Check

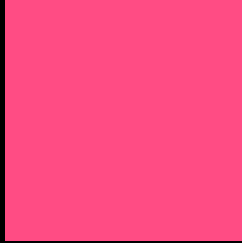
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0948, 0.4760, 0.2787 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 28.0948, 0.4760, 0.2787

Background



This preview shows how black text looks on a background with the Yxy color 28.0948, 0.4760, 0.2787.



This preview shows how white text looks on a background with the Yxy color 28.0948, 0.4760, 0.2787.

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

28.0948, 0.4760, 0.2787

Protanopia

28.4242, 0.2847, 0.2886

Deuteranopia

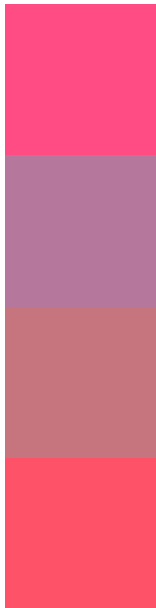
28.0023, 0.3604, 0.3537



Tritanopia

28.1178, 0.5277, 0.3254

Trichromacy



Original Color

28.0948, 0.4760, 0.2787

Protanomaly

25.5390, 0.3461, 0.2772

Deuteranomaly

26.0029, 0.4046, 0.3159

Tritanomaly

28.1253, 0.5108, 0.3094

Monochromacy



Original Color

28.0948, 0.4760, 0.2787

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.3676, 0.3703, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0948, 0.4760, 0.2787 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 132) }
```

Border

The CSS property to change the border of an element to Yxy 28.0948, 0.4760, 0.2787 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, 132) }
```

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

```
.border{ border-color:rgb(255, 76, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0948, 0.4760, 0.2787 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, 132) }
```

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

```
.background{ background-color: rgb(255, 76,  
132) }
```

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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