

Converting Colors

$Yxy(25.3489, 0.4814, 0.2612)$

Have a look what the booklet for
Yxy(25.3489, 0.4814, 0.2612)
contains.

Yxy(25.3489, 0.4814, 0.2612)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.3489, 0.4814, 0.2612)

Conversions

Conversions Part 1

Format	Color
Hex	FF3386
RGB	255, 51, 134
RGB Percent	100%, 20%, 53%
CMY	0.0001, 0.7997, 0.4746
CMYK	0.00, 0.80, 0.47, 0.00
HSL	336°, 100%, 60%
HSV	336°, 80%, 100%
XYZ	46.7188, 25.3489, 24.9801
YIQ	121.4580, 94.9410, 69.0610

Conversions

Conversions Part 2

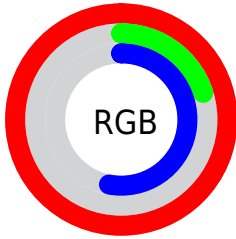
Format	Color
RYB	255, 51, 134
Decimal	16724870
CIELab	57.41, 78.16, 4.14
CIELCh	57, 78.268, 3.032
Yxy	25.3489, 0.4814, 0.2612
Android (android.graphics.Color)	4294914950 (0xFFFF3386)
YUV	121.4580, 6.1832, 117.1163
Hunter-Lab	50.3477, 77.5260, 5.8265

Details

The Yxy color **25.3489, 0.4814, 0.2612** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **75.1895, 0.2607, 0.4397**, and the grayscale version is **19.2454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8047, 0.3888, 0.2593**, and **11.8623, 0.5208, 0.2642** is the 20% darker color. If you saturate the color by 10%, you get **23.3038, 0.5118, 0.2656**, and if you desaturate by 10%, it is **28.6773, 0.4506, 0.2622**.

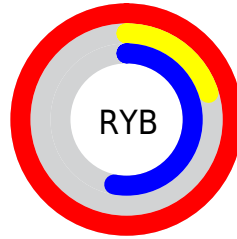
Distribution



Red (100%)

Green (20%)

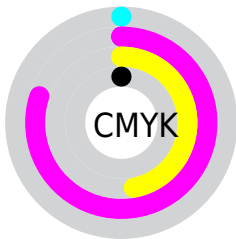
Blue (53%)



Red (100%)

Yellow (20%)

Blue (53%)

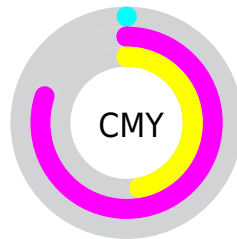


Cyan (0%)

Magenta (80%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3489, 0.4814, 0.2612 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 25.3489, 0.4814, 0.2612 by changing the saturation by 10% instead.


 25.3489, 0.4814,
0.2612


 25.3489, 0.4814,
0.2612


279.5711, 0.3896,
0.2990


 16.3372, 0.5064,
0.2506


 52.2227, 0.4464,
0.2758


 9.7631, 0.5397,
0.2363


 70.8535, 0.4337,
0.2811

 5.2421, 0.5854,
0.2162


 93.4596, 0.4232,
0.2854

 2.3900, 0.6510,
0.1866

 120.4251, 0.4144,
0.2890

 0.8208, 0.7540,
0.1417

 152.1347, 0.4068,
0.2920

 0.0000, 1.0000,
0.0000

188.9726, 0.4003,

 0.0000, 0.0000,

0.2947

0.0000

231.3233, 0.3946,
0.2970

■ 25.3489, 0.4814,
0.2612

■ 25.3489, 0.4814,
0.2612

■ 23.3038, 0.5118,
0.2656

■ 28.6773, 0.4506,
0.2622

■ 22.2507, 0.5398,
0.2748

■ 33.4615, 0.4214,
0.2675

■ 22.2478, 0.5399,
0.2748

■ 39.8516, 0.3951,
0.2759

■ 47.9777, 0.3722,
0.2861

■ 57.9564, 0.3529,
0.2971

69.8942, 0.3368,
0.3081

83.8893, 0.3236,
0.3189

99.9948, 0.3127,
0.3290

Harmonies

Analogous

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



25.3489, 0.3446, 0.1995



25.3489, 0.4814, 0.2612



25.3489, 0.5595, 0.3344

Triad

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



25.3489, 0.4814, 0.2612



25.3489, 0.3543, 0.5757



25.3489, 0.1161, 0.1746

Complementary

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



25.3489, 0.4814, 0.2612



75.1895, 0.2607, 0.4397

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.



25.3489, 0.1161, 0.2453



25.3489, 0.4814, 0.2612



25.3489, 0.2426, 0.5388

Square

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



25.3489, 0.4814, 0.2612



25.3489, 0.4627, 0.5064



25.3489, 0.1558, 0.3839



25.3489, 0.1498, 0.1516

Rectangle

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



25.3489, 0.4814, 0.2612



25.3489, 0.5581, 0.3873



25.3489, 0.1558, 0.3839



25.3489, 0.1124, 0.1917

Sweetspot

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



25.3504, 0.4814, 0.2612



64.8525, 0.3429, 0.3037



18.1409, 0.2385, 0.1208



12.9832, 0.3488, 0.2997



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.



25.3504, 0.4814, 0.2612



22.6016, 0.5290, 0.2708



25.6374, 0.5829, 0.3404



18.1095, 0.3230, 0.3194



11.6555, 0.5357, 0.2725



1.1559, 0.5058, 0.2560

Inverse Universe

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



25.3504, 0.4814, 0.2612



22.6016, 0.5290, 0.2708



69.0625, 0.2228, 0.3079



18.1095, 0.3230, 0.3194



11.6555, 0.5357, 0.2725



1.1559, 0.5058, 0.2560

Previews

White Background



This preview shows how the Yxy color 25.3489, 0.4814, 0.2612 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 25.3489, 0.4814, 0.2612 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 25.3489, 0.4814, 0.2612

Background



This preview shows how black text looks on a background with the Yxy color 25.3489, 0.4814, 0.2612.



This preview shows how white text looks on a background with the Yxy color 25.3489, 0.4814, 0.2612.

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

25.3489, 0.4814, 0.2612

Protanopia

25.7043, 0.2611, 0.2582

Deuteranopia

25.3984, 0.3507, 0.3435



Tritanopia

25.4196, 0.5598, 0.3275

Trichromacy



Original Color

25.3489, 0.4814, 0.2612



Protanomaly

21.9089, 0.3265, 0.2451



Deuteranomaly

22.5965, 0.4018, 0.2954



Tritanomaly

25.1541, 0.5350, 0.3038

Monochromacy



Original Color

25.3489, 0.4814, 0.2612



Achromatopsia

19.1202, 0.3127, 0.3290



Achromatomaly

18.4181, 0.3776, 0.2836

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3489, 0.4814, 0.2612 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, 51, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 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, 51, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 134) }
```

Border

The CSS property to change the border of an element to Yxy 25.3489, 0.4814, 0.2612 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, 51, 134) }
```

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

```
.border{ border-color:rgb(255, 51, 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, 51, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3489, 0.4814, 0.2612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 134) }
```

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

```
.background{ background-color: rgb(255, 51,  
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