

Converting Colors

Yxy(25.9610, 0.4484, 0.2411)

Have a look what the booklet for
Yxy(25.9610, 0.4484, 0.2411)
contains.

Yxy(25.9942, 0.4484, 0.2411)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.9942, 0.4484, 0.2411)

Conversions

Conversions Part 1

Format	Color
Hex	FF339B
RGB	255, 51, 155
RGB Percent	100%, 20%, 61%
CMY	0.0000, 0.8001, 0.3922
CMYK	0.00, 0.80, 0.39, 0.00
HSL	329°, 100%, 60%
HSV	329°, 80%, 100%
XYZ	48.3443, 25.9942, 33.4766
YIQ	123.8520, 88.2000, 75.5920

Conversions

Conversions Part 2

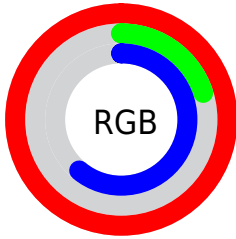
Format	Color
R _Y B	255, 51, 155
Decimal	16724891
CIE Lab	58.03, 80.02, -7.35
CIE LCh	58, 80.357, 354.755
Yxy	25.9942, 0.4484, 0.2411
Android (android.graphics.Color)	4294914971 (0xFFFF339B)
YUV	123.8520, 15.3560, 115.0168
Hunter-Lab	50.9845, 80.0334, -3.2408

Details

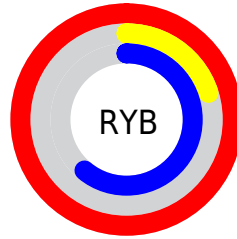
The Yxy color **25.9942, 0.4484, 0.2411** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **74.4574, 0.2694, 0.4696**, and the grayscale version is **20.0260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0571, 0.3638, 0.2394**, and **12.3369, 0.4801, 0.2418** is the 20% darker color. If you saturate the color by 10%, you get **23.9440, 0.4727, 0.2433**, and if you desaturate by 10%, it is **29.3040, 0.4241, 0.2443**.

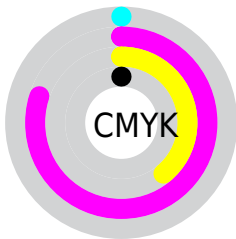
Distribution



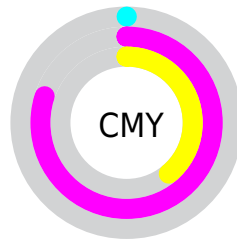
- Red (100%)
- Green (20%)
- Blue (61%)



- Red (100%)
- Yellow (20%)
- Blue (61%)



- Cyan (0%)
- Magenta (80%)
- Yellow (39%)
- Black (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9942, 0.4484, 0.2411 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 25.9942, 0.4484, 0.2411 by changing the saturation by 10% instead.


 25.9942, 0.4484,
0.2411


 25.9942, 0.4484,
0.2411


282.7536, 0.3760,
0.2868


 16.8193, 0.4678,
0.2293


 53.2656, 0.4211,
0.2580


 10.1057, 0.4934,
0.2140


 72.1309, 0.4111,
0.2643


 5.4691, 0.5285,
0.1935


 94.9951, 0.4028,
0.2696

 2.5251, 0.5790,
0.1650

 122.2426, 0.3958,
0.2740

 0.8891, 0.6559,
0.1239

 154.2578, 0.3898,
0.2779

 0.0000, 0.8842,
0.0000

191.4251, 0.3846,

 0.0000, 1.0000,

0.2812

0.0000

234.1289, 0.3800,
0.2842

■ 0.0000, 0.0000,
0.0000

■ 25.9942, 0.4484,
0.2411

■ 25.9942, 0.4484,
0.2411

■ 23.9440, 0.4727,
0.2433

■ 29.3040, 0.4241,
0.2443

■ 22.8718, 0.4959,
0.2505

■ 34.0545, 0.4012,
0.2519

■ 40.3916, 0.3803,
0.2628

■ 48.4445, 0.3620,
0.2755

■ 58.3289, 0.3462,
0.2891

70.1506, 0.3330,
0.3029

84.0069, 0.3219,
0.3163

99.9889, 0.3127,
0.3290

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.



25.9942, 0.3071, 0.1843



25.9942, 0.4484, 0.2411



25.9942, 0.5513, 0.3127

Triad

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



25.9942, 0.4484, 0.2411



25.9942, 0.3853, 0.5663



25.9942, 0.1104, 0.1861

Complementary

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



25.9942, 0.4484, 0.2411



74.4574, 0.2694, 0.4696

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.



25.9942, 0.1201, 0.2753



25.9942, 0.4484, 0.2411



25.9942, 0.2711, 0.5690

Square

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



25.9942, 0.4484, 0.2411



25.9942, 0.4906, 0.4821



25.9942, 0.1730, 0.4327



25.9942, 0.1348, 0.1521

Rectangle

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



25.9942, 0.4484, 0.2411



25.9942, 0.5672, 0.3643



25.9942, 0.1730, 0.4327



25.9942, 0.1097, 0.2083

Sweetspot

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



25.9925, 0.4484, 0.2411



65.1909, 0.3380, 0.2974



16.0315, 0.2207, 0.1115



13.0640, 0.3428, 0.2925



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.



25.9925, 0.4484, 0.2411



23.2307, 0.4867, 0.2473



23.8962, 0.5914, 0.3279



18.1417, 0.3214, 0.3169



11.9813, 0.4923, 0.2485



1.1887, 0.4674, 0.2348

Inverse Universe

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



25.9925, 0.4484, 0.2411



23.2307, 0.4867, 0.2473



79.2263, 0.2295, 0.3328



18.1417, 0.3214, 0.3169



11.9813, 0.4923, 0.2485



1.1887, 0.4674, 0.2348

Previews

White Background



This preview shows how the Yxy color 25.9942, 0.4484, 0.2411 looks on a white background.

Color Contrast Check

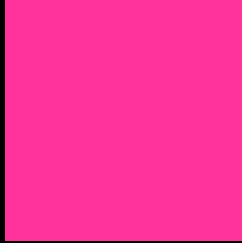
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9942, 0.4484, 0.2411 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 25.9942, 0.4484, 0.2411

Background



This preview shows how black text looks on a background with the Yxy color 25.9942, 0.4484, 0.2411.



This preview shows how white text looks on a background with the Yxy color 25.9942, 0.4484, 0.2411.

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

25.9942, 0.4484, 0.2411

Protanopia

26.1893, 0.2335, 0.2212

Deuteranopia

25.9516, 0.3202, 0.3131



Tritanopia

25.9207, 0.5461, 0.3265

Trichromacy



Original Color

25.9942, 0.4484, 0.2411



Protanomaly

22.1328, 0.2910, 0.2134



Deuteranomaly

22.8894, 0.3670, 0.2679



Tritanomaly

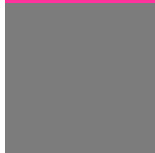
25.6534, 0.5149, 0.2952

Monochromacy



Original Color

25.9942, 0.4484, 0.2411



Achromatopsia

20.1556, 0.3127, 0.3290



Achromatomaly

19.0693, 0.3667, 0.2725

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9942, 0.4484, 0.2411 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 155) }
```

Border

The CSS property to change the border of an element to Yxy 25.9942, 0.4484, 0.2411 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, 155) }
```

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

```
.border{ border-color:rgb(255, 51, 155) }
```

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, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9942, 0.4484, 0.2411 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, 155) }
```

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

```
.background{ background-color: rgb(255, 51,  
155) }
```

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