

Converting Colors

$Y_{xy}(29.3538, 0.4913, 0.2670)$

Have a look what the booklet for
Yxy(29.3538, 0.4913, 0.2670)
contains.

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Color

Yxy(25.7985, 0.4756, 0.2604)

Conversions

Conversions Part 1

Format	Color
Hex	FF3789
RGB	255, 55, 137
RGB Percent	100%, 22%, 54%
CMY	0.0000, 0.7842, 0.4628
CMYK	0.00, 0.78, 0.46, 0.00
HSL	335°, 100%, 61%
HSV	335°, 78%, 100%
XYZ	47.1189, 25.7985, 26.1552
YIQ	124.1480, 92.8780, 67.9020

Conversions

Conversions Part 2

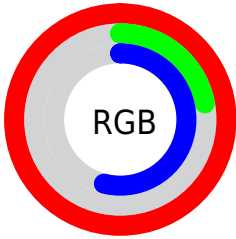
Format	Color
R_{YB}	255, 55, 137
Decimal	16725897
CIE _{Lab}	57.85, 77.42, 2.99
CIE _{LCh}	58, 77.480, 2.214
Yxy	25.7985, 0.4756, 0.2604
Android (android.graphics.Color)	4294915977 (0xFFFF3789)
YUV	124.1480, 6.3360, 114.7572
Hunter-Lab	50.7922, 76.7045, 5.0235

Details

The Yxy color **25.7985, 0.4756, 0.2604** 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 **75.3486, 0.2610, 0.4382**, and the grayscale version is **20.1680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6524, 0.3846, 0.2591**, and **11.9110, 0.5142, 0.2606** is the 20% darker color. If you saturate the color by 10%, you get **23.5675, 0.5060, 0.2638**, and if you desaturate by 10%, it is **29.3424, 0.4451, 0.2622**.

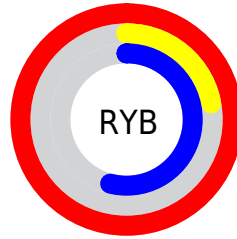
Distribution



Red (100%)

Green (22%)

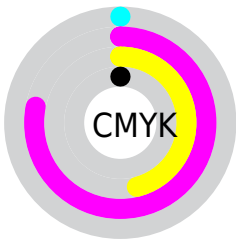
Blue (54%)



Red (100%)

Yellow (22%)

Blue (54%)

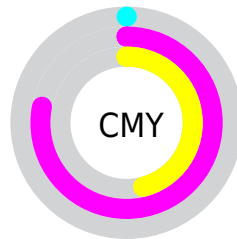


Cyan (0%)

Magenta (78%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (78%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7985, 0.4756, 0.2604 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 25.7985, 0.4756, 0.2604 by changing the saturation by 10% instead.


 25.7985, 0.4756,
0.2604


 25.7985, 0.4756,
0.2604


281.7915, 0.3873,
0.2982


 16.6730, 0.4996,
0.2499


 52.9497, 0.4420,
0.2750


 10.0016, 0.5315,
0.2358

 71.7441, 0.4298,
0.2802


 5.4000, 0.5754,
0.2161

 94.5303, 0.4197,
0.2845

 2.4838, 0.6385,
0.1873

 121.6927, 0.4111,
0.2881

 0.8685, 0.7349,
0.1435

 153.6156, 0.4039,
0.2912

 0.0000, 1.0000,
0.0000

190.6834, 0.3976,

 0.0000, 0.0000,

0.2939

0.0000

233.2806, 0.3921,
0.2962

■ 25.7985, 0.4756,
0.2604

■ 25.7985, 0.4756,
0.2604

■ 23.5675, 0.5060,
0.2638

■ 29.3424, 0.4451,
0.2622

■ 22.4056, 0.5343,
0.2725

■ 34.3664, 0.4165,
0.2681

■ 22.2686, 0.5386,
0.2741

■ 41.0172, 0.3909,
0.2770

■ 49.4225, 0.3687,
0.2874

■ 59.6972, 0.3500,
0.2986

71.9463, 0.3345,
0.3097

86.2669, 0.3217,
0.3204

99.9990, 0.3127,
0.3290

Harmonies

Analogous

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



25.7985, 0.3406, 0.1996



25.7985, 0.4756, 0.2604



25.7985, 0.5552, 0.3330

Triad

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



25.7985, 0.4756, 0.2604



25.7985, 0.3578, 0.5712



25.7985, 0.1177, 0.1777

Complementary

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



25.7985, 0.4756, 0.2604



75.3486, 0.2610, 0.4382

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.



25.7985, 0.1188, 0.2497



25.7985, 0.4756, 0.2604



25.7985, 0.2469, 0.5378

Square

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



25.7985, 0.4756, 0.2604



25.7985, 0.4644, 0.5027



25.7985, 0.1597, 0.3877



25.7985, 0.1503, 0.1537

Rectangle

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



25.7985, 0.4756, 0.2604



25.7985, 0.5559, 0.3854



25.7985, 0.1597, 0.3877



25.7985, 0.1143, 0.1952

Sweetspot

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



25.8000, 0.4756, 0.2604



64.8628, 0.3428, 0.3035



18.6893, 0.2402, 0.1235



12.9856, 0.3486, 0.2995



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.



25.8000, 0.4756, 0.2604



22.8145, 0.5221, 0.2681



26.1306, 0.5767, 0.3407



18.1105, 0.3230, 0.3193



11.6643, 0.5344, 0.2717



1.1568, 0.5046, 0.2553

Inverse Universe

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



25.8000, 0.4756, 0.2604



22.8145, 0.5221, 0.2681



69.3748, 0.2235, 0.3083



18.1105, 0.3230, 0.3193



11.6643, 0.5344, 0.2717



1.1568, 0.5046, 0.2553

Previews

White Background



This preview shows how the Yxy color 25.7985, 0.4756, 0.2604 looks on a white background.

Color Contrast Check

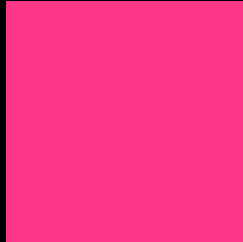
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7985, 0.4756, 0.2604 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 25.7985, 0.4756, 0.2604

Background



This preview shows how black text looks on a background with the Yxy color 25.7985, 0.4756, 0.2604.



This preview shows how white text looks on a background with the Yxy color 25.7985, 0.4756, 0.2604.

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

25.7985, 0.4756, 0.2604

Protanopia

26.1154, 0.2590, 0.2558

Deuteranopia

25.7506, 0.3470, 0.3403



Tritanopia

25.8382, 0.5542, 0.3274

Trichromacy



Original Color

25.7985, 0.4756, 0.2604



Protanomaly

22.4365, 0.3227, 0.2441



Deuteranomaly

23.0793, 0.3967, 0.2940



Tritanomaly

25.6609, 0.5287, 0.3038

Monochromacy



Original Color

25.7985, 0.4756, 0.2604



Achromatopsia

20.1556, 0.3127, 0.3290



Achromatomaly

19.2793, 0.3748, 0.2841

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7985, 0.4756, 0.2604 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, 55, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 137)  
}
```

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, 55, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 137) }
```

Border

The CSS property to change the border of an element to Yxy 25.7985, 0.4756, 0.2604 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, 55, 137) }
```

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

```
.border{ border-color:rgb(255, 55, 137) }
```

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

Here you see how a box with a 4 pixel rgb(255, 55, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7985, 0.4756, 0.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 137) }
```

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

```
.background{ background-color: rgb(255, 55,  
137) }
```

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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