

Converting Colors

$Y_{xy}(25.5854, 0.4602, 0.2470)$

Have a look what the booklet for
Yxy(25.5854, 0.4602, 0.2470)
contains.

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Color

Yxy(25.5947, 0.4597, 0.2468)

Conversions

Conversions Part 1

Format	Color
Hex	FF3194
RGB	255, 49, 148
RGB Percent	100%, 19%, 58%
CMY	0.0001, 0.8075, 0.4197
CMYK	0.00, 0.81, 0.42, 0.00
HSL	331°, 100%, 60%
HSV	331°, 81%, 100%
XYZ	47.6738, 25.5947, 30.4378
YIQ	121.8800, 90.9970, 74.4610

Conversions

Conversions Part 2

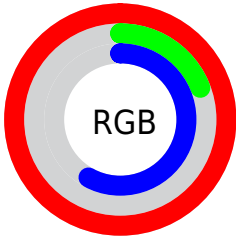
Format	Color
R _Y B	255, 49, 148
Decimal	16724372
CIE Lab	57.65, 79.81, -3.79
CIE LCh	58, 79.900, 357.282
Yxy	25.5947, 0.4597, 0.2468
Android (android.graphics.Color)	4294914452 (0xFFFF3194)
YUV	121.8800, 12.8772, 116.7462
Hunter-Lab	50.5912, 79.6718, -0.2575

Details

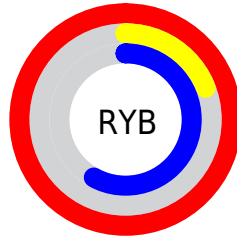
The Yxy color **25.5947, 0.4597, 0.2468** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **74.5577, 0.2669, 0.4625**, and the grayscale version is **19.3710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4811, 0.3716, 0.2450**, and **12.0883, 0.4921, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **23.6325, 0.4857, 0.2501**, and if you desaturate by 10%, it is **28.8124, 0.4335, 0.2490**.

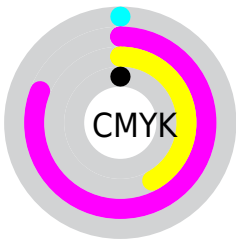
Distribution



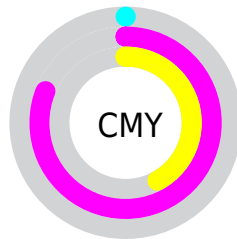
- Red (100%)
- Green (19%)
- Blue (58%)



- Red (100%)
- Yellow (19%)
- Blue (58%)



- Cyan (0%)
- Magenta (81%)
- Yellow (42%)
- Black (0%)




- Cyan (0%)
- Magenta (81%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5947, 0.4597, 0.2468 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 25.5947, 0.4597, 0.2468 by changing the saturation by 10% instead.


 25.5947, 0.4597,
0.2468


 25.5947, 0.4597,
0.2468


280.7868, 0.3806,
0.2903


 16.5207, 0.4811,
0.2353


 52.6204, 0.4297,
0.2631


 9.8933, 0.5094,
0.2202


 71.3408, 0.4188,
0.2691

 5.3283, 0.5483,
0.1997

 94.0455, 0.4098,
0.2741

 2.4411, 0.6045,
0.1707

 121.1189, 0.4021,
0.2784

 0.8469, 0.6899,
0.1280

 152.9453, 0.3956,
0.2820

 0.0000, 1.0000,
0.0000

189.9091, 0.3899,

 0.0000, 0.0000,

0.2851

0.0000

232.3948, 0.3850,
0.2879

■ 25.5947, 0.4597,
0.2468

■ 25.5947, 0.4597,
0.2468

■ 23.6325, 0.4857,
0.2501

■ 28.8124, 0.4335,
0.2490

■ 22.6707, 0.5086,
0.2576

■ 33.4603, 0.4086,
0.2557

■ 39.6894, 0.3861,
0.2656

■ 47.6301, 0.3662,
0.2776

■ 57.3994, 0.3493,
0.2904

69.1037, 0.3350,
0.3034

82.8411, 0.3232,
0.3161

98.7034, 0.3134,
0.3281

99.9939, 0.3127,
0.3290

Harmonies

Analogous

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



25.5947, 0.3184, 0.1883



25.5947, 0.4597, 0.2468



25.5947, 0.5557, 0.3191

Triad

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



25.5947, 0.4597, 0.2468



25.5947, 0.3757, 0.5710



25.5947, 0.1113, 0.1816

Complementary

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



25.5947, 0.4597, 0.2468



74.5577, 0.2669, 0.4625

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.



25.5947, 0.1178, 0.2650



25.5947, 0.4597, 0.2468



25.5947, 0.2618, 0.5623

Square

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



25.5947, 0.4597, 0.2468



25.5947, 0.4826, 0.4900



25.5947, 0.1666, 0.4179



25.5947, 0.1385, 0.1511

Rectangle

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



25.5947, 0.4597, 0.2468



25.5947, 0.5660, 0.3711



25.5947, 0.1666, 0.4179



25.5947, 0.1096, 0.2022

Sweetspot

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



25.5962, 0.4597, 0.2468



65.0929, 0.3394, 0.2992



16.4371, 0.2255, 0.1132



13.0405, 0.3445, 0.2946



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.



25.5962, 0.4597, 0.2468



22.9444, 0.5013, 0.2549



23.9798, 0.5953, 0.3317



18.1324, 0.3218, 0.3176



11.8792, 0.5048, 0.2554



1.1786, 0.4783, 0.2408

Inverse Universe

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



25.5962, 0.4597, 0.2468



22.9444, 0.5013, 0.2549



77.2033, 0.2270, 0.3246



18.1324, 0.3218, 0.3176



11.8792, 0.5048, 0.2554



1.1786, 0.4783, 0.2408

Previews

White Background



This preview shows how the Yxy color 25.5947, 0.4597, 0.2468 looks on a white background.

Color Contrast Check

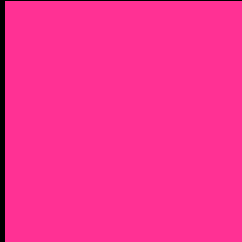
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5947, 0.4597, 0.2468 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 25.5947, 0.4597, 0.2468

Background



This preview shows how black text looks on a background with the Yxy color 25.5947, 0.4597, 0.2468.



This preview shows how white text looks on a background with the Yxy color 25.5947, 0.4597, 0.2468.

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

25.5947, 0.4597, 0.2468

Protanopia

26.0071, 0.2406, 0.2311

Deuteranopia

25.5606, 0.3289, 0.3226



Tritanopia

25.6520, 0.5536, 0.3274

Trichromacy



Original Color

25.5947, 0.4597, 0.2468



Protanomaly

21.8054, 0.3014, 0.2217



Deuteranomaly

22.4723, 0.3769, 0.2757



Tritanomaly

25.3215, 0.5232, 0.2985

Monochromacy



Original Color

25.5947, 0.4597, 0.2468



Achromatopsia

19.4618, 0.3127, 0.3290



Achromatomaly

18.3692, 0.3705, 0.2748

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5947, 0.4597, 0.2468 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, 49, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 49, 148)  
}
```

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, 49, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 49, 148) }
```

Border

The CSS property to change the border of an element to Yxy 25.5947, 0.4597, 0.2468 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, 49, 148) }
```

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

```
.border{ border-color:rgb(255, 49, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 49, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 49, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 49, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 49,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5947, 0.4597, 0.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 49, 148) }
```

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

```
.background{ background-color: rgb(255, 49,  
148) }
```

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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