

Converting Colors

$Yxy(68.8563, 0.5390, 0.2870)$

Have a look what the booklet for
Yxy(68.8563, 0.5390, 0.2870)
contains.

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Color

Yxy(27.9546, 0.4314, 0.2414)

Conversions

Conversions Part 1

Format	Color
Hex	FF43A4
RGB	255, 67, 164
RGB Percent	100%, 26%, 64%
CMY	0.0000, 0.7374, 0.3568
CMYK	0.00, 0.74, 0.36, 0.00
HSL	329°, 100%, 63%
HSV	329°, 74%, 100%
XYZ	49.9570, 27.9546, 37.8904
YIQ	134.2700, 80.9110, 70.0230

Conversions

Conversions Part 2

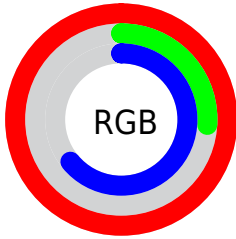
Format	Color
R _Y B	255, 67, 164
Decimal	16728996
CIE Lab	59.85, 76.58, -9.90
CIE LCh	60, 77.220, 352.631
Yxy	27.9546, 0.4314, 0.2414
Android (android.graphics.Color)	4294919076 (0xFFFF43A4)
YUV	134.2700, 14.6569, 105.8802
Hunter-Lab	52.8721, 76.1321, -5.4793

Details

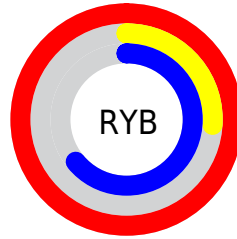
The Yxy color **27.9546, 0.4314, 0.2414** is a light color, and the websafe version is hex **FF3399**, and the color name is **wild strawberry**. The color can be described as light washed rose. A complement of this color would be **75.1788, 0.2699, 0.4586**, and the grayscale version is **23.8585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3397, 0.3518, 0.2402**, and **12.5073, 0.4627, 0.2322** is the 20% darker color. If you saturate the color by 10%, you get **25.1343, 0.4554, 0.2400**, and if you desaturate by 10%, it is **32.1429, 0.4082, 0.2477**.

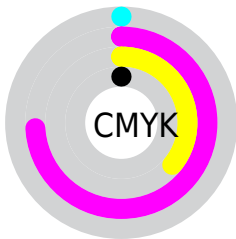
Distribution



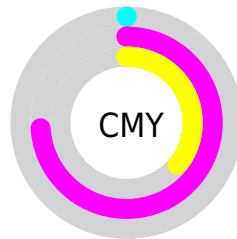
- Red (100%)
- Green (26%)
- Blue (64%)



- Red (100%)
- Yellow (26%)
- Blue (64%)



- Cyan (0%)
- Magenta (74%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (74%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9546, 0.4314, 0.2414 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 27.9546, 0.4314, 0.2414 by changing the saturation by 10% instead.


 27.9546, 0.4314,
0.2414


 27.9546, 0.4314,
0.2414


292.2499, 0.3690,
0.2861


 18.2914, 0.4478,
0.2301


 56.4120, 0.4080,
0.2578


 11.1594, 0.4694,
0.2156


 75.9749, 0.3995,
0.2639


 6.1742, 0.4988,
0.1964


 99.6066, 0.3923,
0.2690

 2.9513, 0.5407,
0.1701

 127.6915, 0.3862,
0.2734

 1.1063, 0.6045,
0.1324

 160.6138, 0.3810,
0.2772

 0.0000, 0.7743,
0.0000

198.7581, 0.3765,


 0.0000, 1.0000,


0.2805


0.0000

242.5086, 0.3725,
0.2835


 0.0000, 0.0000,
0.0000


 27.9546, 0.4314,
0.2414


 27.9546, 0.4314,
0.2414


 25.1343, 0.4554,
0.2400


 32.1429, 0.4082,
0.2477

 23.5033, 0.4789,
0.2441


 37.8684, 0.3868,
0.2576

 22.9153, 0.4932,
0.2490

 45.2620, 0.3678,
0.2699

 54.4442, 0.3513,
0.2835

 65.5240, 0.3373,
0.2974

 78.6017, 0.3256,
0.3111

 93.7704, 0.3159,
0.3243

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.



27.9546, 0.2992, 0.1879



27.9546, 0.4314, 0.2414



27.9546, 0.5334, 0.3106

Triad

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



27.9546, 0.4314, 0.2414



27.9546, 0.3931, 0.5504



27.9546, 0.1183, 0.1980

Complementary

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



27.9546, 0.4314, 0.2414



75.1788, 0.2699, 0.4586

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.



27.9546, 0.1311, 0.2884



27.9546, 0.4314, 0.2414



27.9546, 0.2835, 0.5565

Square

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



27.9546, 0.4314, 0.2414



27.9546, 0.4910, 0.4724



27.9546, 0.1867, 0.4374



27.9546, 0.1396, 0.1611

Rectangle

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



27.9546, 0.4314, 0.2414



27.9546, 0.5544, 0.3607



27.9546, 0.1867, 0.4374



27.9546, 0.1185, 0.2211

Sweetspot

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



27.9505, 0.4314, 0.2414



67.6542, 0.3351, 0.2998



18.4832, 0.2291, 0.1241



13.7762, 0.3386, 0.2961



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.



27.9505, 0.4314, 0.2414



24.3076, 0.4655, 0.2411



25.7131, 0.5650, 0.3275



18.1436, 0.3213, 0.3168



12.0041, 0.4896, 0.2471



1.1909, 0.4651, 0.2336

Inverse Universe

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



27.9505, 0.4314, 0.2414



24.3076, 0.4655, 0.2411



79.7317, 0.2320, 0.3325



18.1436, 0.3213, 0.3168



12.0041, 0.4896, 0.2471



1.1909, 0.4651, 0.2336

Previews

White Background



This preview shows how the Yxy color 27.9546, 0.4314, 0.2414 looks on a white background.

Color Contrast Check

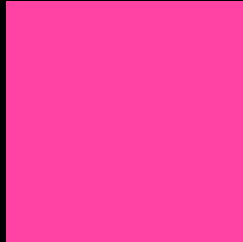
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9546, 0.4314, 0.2414 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 27.9546, 0.4314, 0.2414

Background



This preview shows how black text looks on a background with the Yxy color 27.9546, 0.4314, 0.2414.



This preview shows how white text looks on a background with the Yxy color 27.9546, 0.4314, 0.2414.

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

27.9546, 0.4314, 0.2414

Protanopia

28.2454, 0.2354, 0.2240

Deuteranopia

27.9593, 0.3137, 0.3074



Tritanopia

27.9131, 0.5215, 0.3252

Trichromacy



Original Color

27.9546, 0.4314, 0.2414



Protanomaly

24.6820, 0.2887, 0.2196



Deuteranomaly

25.3552, 0.3556, 0.2686



Tritanomaly

27.7408, 0.4920, 0.2949

Monochromacy



Original Color

27.9546, 0.4314, 0.2414



Achromatopsia

23.8398, 0.3127, 0.3290



Achromatomaly

22.6612, 0.3571, 0.2786

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9546, 0.4314, 0.2414 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, 67, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 67, 164)  
}
```

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, 67, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 67, 164) }
```

Border

The CSS property to change the border of an element to Yxy 27.9546, 0.4314, 0.2414 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, 67, 164) }
```

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

```
.border{ border-color:rgb(255, 67, 164) }
```

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

Here you see how a box with a 4 pixel rgb(255, 67, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 67, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 67, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 67,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9546, 0.4314, 0.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 67, 164) }
```

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

```
.background{ background-color: rgb(255, 67,  
164) }
```

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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