

Converting Colors

$Y_{xy}(29.9315, 0.4274, 0.2554)$

Have a look what the booklet for
Yxy(29.9315, 0.4274, 0.2554)
contains.

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Color

Yxy(29.8011, 0.4266, 0.2547)

Conversions

Conversions Part 1

Format	Color
Hex	FC55A2
RGB	252, 85, 162
RGB Percent	99%, 33%, 64%
CMY	0.0117, 0.6666, 0.3648
CMYK	0.00, 0.66, 0.36, 0.01
HSL	332°, 97%, 66%
HSV	332°, 66%, 99%
XYZ	49.9142, 29.8011, 37.2894
YIQ	143.7110, 74.8150, 59.3510

Conversions

Conversions Part 2

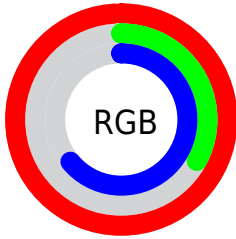
Format	Color
R _Y B	252, 85, 162
Decimal	16536994
CIE Lab	61.48, 69.42, -6.34
CIE LCh	61, 69.710, 354.783
Yxy	29.8011, 0.4266, 0.2547
Android (android.graphics.Color)	4294727074 (0xFFFC55A2)
YUV	143.7110, 9.0165, 94.9695
Hunter-Lab	54.5904, 67.6766, -2.2863

Details

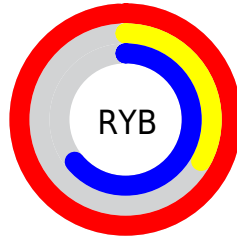
The Yxy color **29.8011, 0.4266, 0.2547** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **74.6529, 0.2669, 0.4303**, and the grayscale version is **27.7096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2163, 0.3518, 0.2551**, and **12.2241, 0.4622, 0.2320** is the 20% darker color. If you saturate the color by 10%, you get **26.0586, 0.4536, 0.2508**, and if you desaturate by 10%, it is **35.0110, 0.4015, 0.2626**.

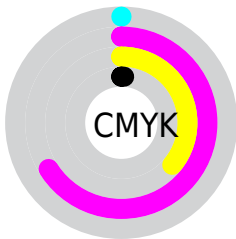
Distribution



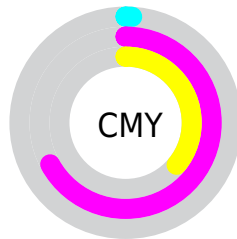
- Red (99%)
- Green (33%)
- Blue (64%)



- Red (99%)
- Yellow (33%)
- Blue (64%)



- Cyan (0%)
- Magenta (66%)
- Yellow (36%)
- Black (1%)





- Cyan (1%)
- Magenta (67%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.8011, 0.4266, 0.2547 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 29.8011, 0.4266, 0.2547 by changing the saturation by 10% instead.


 29.8011, 0.4266,
0.2547


 29.8011, 0.4266,
0.2547


300.9762, 0.3667,
0.2929

 19.6877, 0.4424,
0.2449

 59.3475, 0.4042,
0.2688


 12.1682, 0.4632,
0.2323


 79.5492, 0.3959,
0.2740

 6.8583, 0.4915,
0.2153


 103.8825, 0.3891,
0.2784

 3.3737, 0.5322,
0.1916

 132.7318, 0.3832,
0.2822

 1.3298, 0.5945,
0.1568

166.4814, 0.3782,
0.2854

 0.1641, 0.7459,
0.0530

205.5157, 0.3739,

 0.0000, 1.0000,

0.2882

0.0000

250.2192, 0.3701,
0.2907

■ 0.0000, 0.0000,
0.0000

■ 29.8011, 0.4266,
0.2547

■ 29.8011, 0.4266,
0.2547

■ 26.0586, 0.4536,
0.2508

■ 35.0110, 0.4015,
0.2626

■ 23.6192, 0.4811,
0.2520

■ 41.8199, 0.3792,
0.2731


■ 22.2863, 0.5074,
0.2587


■ 50.3499, 0.3599,
0.2851

■ 21.9606, 0.5169,
0.2621

■ 60.7098, 0.3436,
0.2976

■ 72.9995, 0.3300,
0.3100

 87.3114, 0.3187,
0.3219

 99.4364, 0.3109,
0.3290

Harmonies

Analogous

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



29.8011, 0.3097, 0.2032



29.8011, 0.4266, 0.2547



29.8011, 0.5129, 0.3206

Triad

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



29.8011, 0.4266, 0.2547



29.8011, 0.3840, 0.5317



29.8011, 0.1346, 0.2081

Complementary

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



29.8011, 0.4266, 0.2547



74.6529, 0.2669, 0.4303

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.



29.8011, 0.1455, 0.2876



29.8011, 0.4266, 0.2547



29.8011, 0.2833, 0.5223

Square

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



29.8011, 0.4266, 0.2547



29.8011, 0.4729, 0.4703



29.8011, 0.1957, 0.4143



29.8011, 0.1569, 0.1749

Rectangle

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



29.8011, 0.4266, 0.2547



29.8011, 0.5301, 0.3685



29.8011, 0.1957, 0.4143



29.8011, 0.1344, 0.2287

Sweetspot

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



29.8027, 0.4266, 0.2547



70.0196, 0.3348, 0.3054



22.5345, 0.2466, 0.1451



14.2292, 0.3386, 0.3019



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.



29.8027, 0.4266, 0.2547



25.6724, 0.4640, 0.2506



28.7626, 0.5289, 0.3344



17.3583, 0.3221, 0.3181



11.4680, 0.5128, 0.2599



1.0833, 0.4840, 0.2440

Inverse Universe

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



29.8027, 0.4266, 0.2547



25.6724, 0.4640, 0.2506



75.1393, 0.2332, 0.3221



17.3583, 0.3221, 0.3181



11.4680, 0.5128, 0.2599



1.0833, 0.4840, 0.2440

Previews

White Background



This preview shows how the Yxy color 29.8011, 0.4266, 0.2547 looks on a white background.

Color Contrast Check

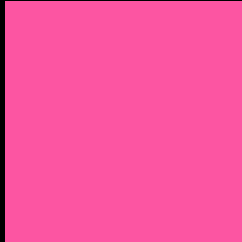
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8011, 0.4266, 0.2547 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 29.8011, 0.4266, 0.2547

Background



This preview shows how black text looks on a background with the Yxy color 29.8011, 0.4266, 0.2547.



This preview shows how white text looks on a background with the Yxy color 29.8011, 0.4266, 0.2547.

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

29.8011, 0.4266, 0.2547

Protanopia

30.1658, 0.2537, 0.2478

Deuteranopia

29.8235, 0.3218, 0.3155



Tritanopia

29.7117, 0.4958, 0.3228

Trichromacy



Original Color

29.8011, 0.4266, 0.2547



Protanomaly

27.2762, 0.3039, 0.2424



Deuteranomaly

28.0356, 0.3592, 0.2850



Tritanomaly

29.4748, 0.4713, 0.2972

Monochromacy



Original Color

29.8011, 0.4266, 0.2547



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.4676, 0.3524, 0.2897

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8011, 0.4266, 0.2547 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(252, 85, 162)` looks like.

```
.text, #text, p{  
    color:rgb(252, 85, 162)  
}
```

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(252, 85, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 85, 162) }
```

Border

The CSS property to change the border of an element to Yxy 29.8011, 0.4266, 0.2547 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(252, 85, 162) }
```

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

```
.border{ border-color:rgb(252, 85, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 85, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 85, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 85, 162);  
box-shadow:4px 4px 4px 4px rgb(252, 85,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8011, 0.4266, 0.2547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 85, 162) }
```

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

```
.background{ background-color: rgb(252, 85,  
162) }
```

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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