

Converting Colors

Yxy(50.6884, 0.5070, 0.2634)

Have a look what the booklet for
Yxy(50.6884, 0.5070, 0.2634)
contains.

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Color

Yxy(26.0049, 0.4222, 0.2211)

Conversions

Conversions Part 1

Format	Color
Hex	FF2BAD
RGB	255, 43, 173
RGB Percent	100%, 17%, 68%
CMY	0.0000, 0.8317, 0.3214
CMYK	0.00, 0.83, 0.32, 0.00
HSL	323°, 100%, 58%
HSV	323°, 83%, 100%
XYZ	49.6575, 26.0049, 41.9536
YIQ	121.2080, 84.6220, 85.3740

Conversions

Conversions Part 2

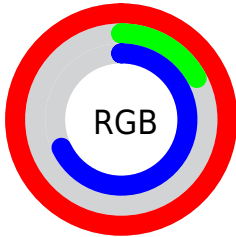
Format	Color
RYB	255, 43, 173
Decimal	16722861
CIELab	58.04, 83.56, -17.88
CIELCh	58, 85.449, 347.924
Yxy	26.0049, 0.4222, 0.2211
Android (android.graphics.Color)	4294912941 (0xFFFF2BAD)
YUV	121.2080, 25.5335, 117.3356
Hunter-Lab	50.9950, 84.5770, -13.0814

Details

The Yxy color **26.0049, 0.4222, 0.2211** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **73.5098, 0.2782, 0.5056**, and the grayscale version is **19.0720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1786, 0.3434, 0.2187**, and **12.7179, 0.4435, 0.2217** is the 20% darker color. If you saturate the color by 10%, you get **24.3248, 0.4399, 0.2226**, and if you desaturate by 10%, it is **28.8598, 0.4043, 0.2249**.

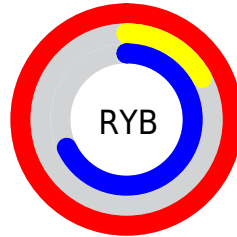
Distribution



Red (100%)

Green (17%)

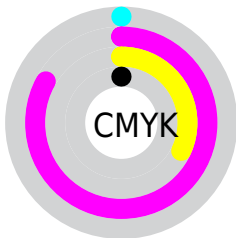
Blue (68%)



Red (100%)

Yellow (17%)

Blue (68%)

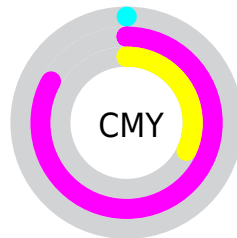


Cyan (0%)

Magenta (83%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (83%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0049, 0.4222, 0.2211 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 26.0049, 0.4222, 0.2211 by changing the saturation by 10% instead.


 26.0049, 0.4222,
0.2211


 26.0049, 0.4222,
0.2211


282.8061, 0.3653,
0.2749


 16.8273, 0.4369,
0.2079


 53.2829, 0.4011,
0.2405


 10.1114, 0.4561,
0.1913


 72.1520, 0.3933,
0.2478


 5.4729, 0.4818,
0.1697


 95.0205, 0.3868,
0.2541

 2.5273, 0.5181,
0.1410

 122.2726, 0.3812,
0.2594

 0.8903, 0.5719,
0.1021

 154.2929, 0.3764,
0.2641

 0.0000, 0.6915,
0.0000


191.4656, 0.3722,


 0.0000, 1.0000,


0.2681


0.0000


234.1752, 0.3686,
0.2717


 0.0000, 0.0000,
0.0000


 26.0049, 0.4222,
0.2211

 26.0049, 0.4222,
0.2211

 24.3248, 0.4399,
0.2226


 28.8598, 0.4043,
0.2249


 23.6753, 0.4516,
0.2262

 33.0905, 0.3869,
0.2335


 38.8473, 0.3707,
0.2457

 46.2637, 0.3561,
0.2603

 55.4589, 0.3433,
0.2762

 66.5408, 0.3322,
0.2926

 79.6087, 0.3228,
0.3087

 94.7550, 0.3149,
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.



26.0049, 0.2753, 0.1682



26.0049, 0.4222, 0.2211



26.0049, 0.5486, 0.2922

Triad

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



26.0049, 0.4222, 0.2211



26.0049, 0.4111, 0.5598



26.0049, 0.1014, 0.1932

Complementary

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



26.0049, 0.4222, 0.2211



73.5098, 0.2782, 0.5056

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.



26.0049, 0.1191, 0.3027



26.0049, 0.4222, 0.2211



26.0049, 0.2925, 0.5982

Square

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



26.0049, 0.4222, 0.2211



26.0049, 0.5172, 0.4621



26.0049, 0.1843, 0.4820



26.0049, 0.1188, 0.1486

Rectangle

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



26.0049, 0.4222, 0.2211



26.0049, 0.5802, 0.3435



26.0049, 0.1843, 0.4820



26.0049, 0.1030, 0.2209

Sweetspot

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



26.0005, 0.4222, 0.2211



64.3642, 0.3341, 0.2896



13.2436, 0.2001, 0.0972



12.9228, 0.3379, 0.2838



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.



26.0005, 0.4222, 0.2211



23.6753, 0.4516, 0.2262



23.3954, 0.5814, 0.3154



18.1744, 0.3198, 0.3145



12.4010, 0.4489, 0.2247



1.2288, 0.4303, 0.2144

Inverse Universe

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



26.0005, 0.4222, 0.2211



23.6753, 0.4516, 0.2262



77.7596, 0.2362, 0.3597



18.1744, 0.3198, 0.3145



12.4010, 0.4489, 0.2247



1.2288, 0.4303, 0.2144

Previews

White Background



This preview shows how the Yxy color 26.0049, 0.4222, 0.2211 looks on a white background.

Color Contrast Check

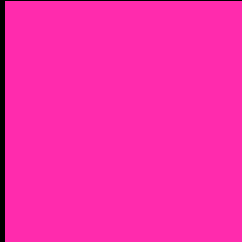
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0049, 0.4222, 0.2211 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 26.0049, 0.4222, 0.2211

Background



This preview shows how black text looks on a background with the Yxy color 26.0049, 0.4222, 0.2211.



This preview shows how white text looks on a background with the Yxy color 26.0049, 0.4222, 0.2211.

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

26.0049, 0.4222, 0.2211

Protanopia

26.6058, 0.2088, 0.1895

Deuteranopia

26.0566, 0.2945, 0.2879



Tritanopia

26.0416, 0.5416, 0.3264

Trichromacy



Original Color

26.0049, 0.4222, 0.2211



Protanomaly

21.4256, 0.2571, 0.1817



Deuteranomaly

22.4463, 0.3391, 0.2424



Tritanomaly

25.5047, 0.5041, 0.2875

Monochromacy



Original Color

26.0049, 0.4222, 0.2211



Achromatopsia

19.1202, 0.3127, 0.3290



Achromatomaly

18.2682, 0.3578, 0.2591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0049, 0.4222, 0.2211 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, 43, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 43, 173)  
}
```

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, 43, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 43, 173) }
```

Border

The CSS property to change the border of an element to Yxy 26.0049, 0.4222, 0.2211 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, 43, 173) }
```

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

```
.border{ border-color:rgb(255, 43, 173) }
```

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

Here you see how a box with a 4 pixel rgb(255, 43, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 43, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 43, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 43,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0049, 0.4222, 0.2211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 43, 173) }
```

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

```
.background{ background-color: rgb(255, 43,  
173) }
```

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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