

Converting Colors

$Y_{xy}(26.4220, 0.4003, 0.2108)$

Have a look what the booklet for
Yxy(26.4220, 0.4003, 0.2108)
contains.

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Color

Yxy(26.3545, 0.3995, 0.2103)

Conversions

Conversions Part 1

Format	Color
Hex	FC30BA
RGB	252, 48, 186
RGB Percent	99%, 19%, 73%
CMY	0.0118, 0.8117, 0.2706
CMYK	0.00, 0.81, 0.26, 0.01
HSL	319°, 97%, 59%
HSV	319°, 81%, 99%
XYZ	50.0648, 26.3545, 48.8993
YIQ	124.7280, 77.2860, 86.1660

Conversions

Conversions Part 2

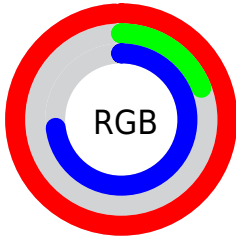
Format	Color
R _Y B	252, 48, 186
Decimal	16527546
CIE Lab	58.37, 83.23, -24.93
CIE LCh	58, 86.886, 343.325
Yxy	26.3545, 0.3995, 0.2103
Android (android.graphics.Color)	4294717626 (0xFFFC30BA)
YUV	124.7280, 30.2071, 111.6175
Hunter-Lab	51.3366, 84.2386, -20.5394

Details

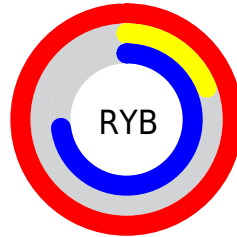
The Yxy color **26.3545, 0.3995, 0.2103** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **71.4664, 0.2827, 0.5171**, and the grayscale version is **20.2921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6277, 0.3305, 0.2107**, and **12.6406, 0.4148, 0.2059** is the 20% darker color. If you saturate the color by 10%, you get **24.5093, 0.4136, 0.2091**, and if you desaturate by 10%, it is **29.3910, 0.3853, 0.2165**.

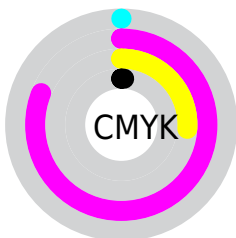
Distribution



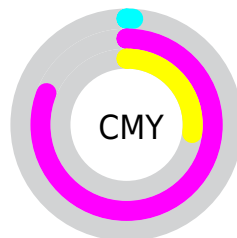
- Red (99%)
- Green (19%)
- Blue (73%)



- Red (99%)
- Yellow (19%)
- Blue (73%)



- Cyan (0%)
- Magenta (81%)
- Yellow (26%)
- Black (1%)





- Cyan (1%)
- Magenta (81%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3545, 0.3995, 0.2103 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 26.3545, 0.3995, 0.2103 by changing the saturation by 10% instead.

 26.3545, 0.3995,
0.2103


 26.3545, 0.3995,
0.2103


284.5180, 0.3557,
0.2682


 17.0890, 0.4104,
0.1965


 53.8463, 0.3836,
0.2309


 10.2980, 0.4243,
0.1794


 72.8414, 0.3776,
0.2387

 5.5970, 0.4426,
0.1575


 95.8485, 0.3725,
0.2455

 2.6016, 0.4676,
0.1291

 123.2520, 0.3682,
0.2513

 0.9275, 0.5031,
0.0919

 155.4363, 0.3645,
0.2563

 0.0000, 0.5819,
0.0000

192.7858, 0.3612,

 0.0000, 0.7030,

0.2608

0.0000

235.6849, 0.3583,
0.2647

■ 0.0000, 0.0000,
0.0000

■ 26.3545, 0.3995,
0.2103

■ 26.3545, 0.3995,
0.2103

■ 24.5093, 0.4136,
0.2091

■ 29.3910, 0.3853,
0.2165

■ 23.6155, 0.4260,
0.2120

■ 33.7877, 0.3715,
0.2272

■ 39.6909, 0.3586,
0.2413

■ 47.2265, 0.3469,
0.2576

■ 56.5072, 0.3365,
0.2751

67.6357, 0.3275,
0.2930

80.7067, 0.3198,
0.3106

95.8084, 0.3133,
0.3275

99.4359, 0.3109,
0.3290

Harmonies

Analogous

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



26.3545, 0.2554, 0.1611



26.3545, 0.3995, 0.2103



26.3545, 0.5370, 0.2799

Triad

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



26.3545, 0.3995, 0.2103



26.3545, 0.4289, 0.5476



26.3545, 0.1001, 0.2035

Complementary

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



26.3545, 0.3995, 0.2103



71.4664, 0.2827, 0.5171

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.



26.3545, 0.1239, 0.3266



26.3545, 0.3995, 0.2103



26.3545, 0.3099, 0.6044

Square

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



26.3545, 0.3995, 0.2103



26.3545, 0.5319, 0.4470



26.3545, 0.1973, 0.5115



26.3545, 0.1125, 0.1509

Rectangle

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



26.3545, 0.3995, 0.2103



26.3545, 0.5801, 0.3308



26.3545, 0.1973, 0.5115



26.3545, 0.1034, 0.2351

Sweetspot

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



26.3559, 0.3995, 0.2103



65.7641, 0.3301, 0.2875



12.6284, 0.1935, 0.0962



13.2019, 0.3333, 0.2811



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.



26.3559, 0.3995, 0.2103



24.5197, 0.4220, 0.2109



23.4734, 0.5546, 0.3037



17.4234, 0.3188, 0.3131



12.3295, 0.4238, 0.2108



1.1613, 0.4083, 0.2023

Inverse Universe

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



26.3559, 0.3995, 0.2103



24.5197, 0.4220, 0.2109



75.1370, 0.2420, 0.3769



17.4234, 0.3188, 0.3131



12.3295, 0.4238, 0.2108



1.1613, 0.4083, 0.2023

Previews

White Background



This preview shows how the Yxy color 26.3545, 0.3995, 0.2103 looks on a white background.

Color Contrast Check

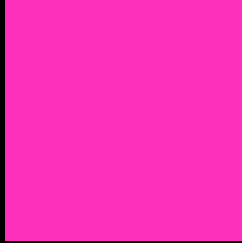
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3545, 0.3995, 0.2103 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 26.3545, 0.3995, 0.2103

Background



This preview shows how black text looks on a background with the Yxy color 26.3545, 0.3995, 0.2103.



This preview shows how white text looks on a background with the Yxy color 26.3545, 0.3995, 0.2103.

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

26.3545, 0.3995, 0.2103

Protanopia

26.8509, 0.1981, 0.1757

Deuteranopia

26.5905, 0.2770, 0.2714



Tritanopia

26.2783, 0.5241, 0.3260

Trichromacy



Original Color

26.3545, 0.3995, 0.2103



Protanomaly

21.8156, 0.2402, 0.1695



Deuteranomaly

22.9415, 0.3174, 0.2291



Tritanomaly

25.7359, 0.4826, 0.2807

Monochromacy



Original Color

26.3545, 0.3995, 0.2103



Achromatopsia

20.5079, 0.3127, 0.3290



Achromatomaly

19.3139, 0.3484, 0.2555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3545, 0.3995, 0.2103 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, 48, 186)` looks like.

```
.text, #text, p{  
    color:rgb(252, 48, 186)  
}
```

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, 48, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 48, 186) }
```

Border

The CSS property to change the border of an element to Yxy 26.3545, 0.3995, 0.2103 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, 48, 186) }
```

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

```
.border{ border-color:rgb(252, 48, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 48, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 48, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 48, 186);  
box-shadow:4px 4px 4px 4px rgb(252, 48,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3545, 0.3995, 0.2103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 48, 186) }
```

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

```
.background{ background-color: rgb(252, 48,  
186) }
```

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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