

Converting Colors

$Y_{xy}(26.5551, 0.4034, 0.2102)$

Have a look what the booklet for
Yxy(26.5551, 0.4034, 0.2102)
contains.

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Color

Yxy(26.5329, 0.4033, 0.2099)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF2BBA |
| RGB | 255, 43, 186 |
| RGB Percent | 100%, 17%, 73% |
| CMY | 0.0000, 0.8318, 0.2705 |
| CMYK | 0.00, 0.83, 0.27, 0.00 |
| HSL | 320°, 100%, 58% |
| HSV | 320°, 83%, 100% |
| XYZ | 50.9801, 26.5329, 48.8944 |
| YIQ | 122.6900, 80.4490, 89.4170 |

Conversions

Conversions Part 2

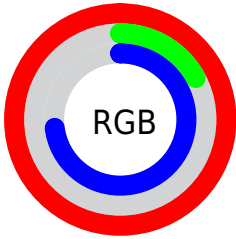
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 43, 186 |
| Decimal | 16722874 |
| CIE Lab | 58.54, 84.96, -24.64 |
| CIE LCh | 59, 88.457, 343.827 |
| Yxy | 26.5329, 0.4033, 0.2099 |
| Android (android.graphics.Color) | 4294912954 (0xFFFF2BBA) |
| YUV | 122.6900, 31.2118, 116.0359 |
| Hunter-Lab | 51.5101, 86.5206, -20.2221 |

Details

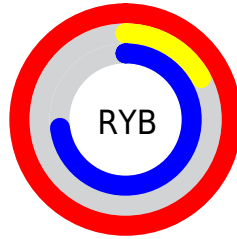
The Yxy color **26.5329, 0.4033, 0.2099** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **73.1985, 0.2829, 0.5221**, and the grayscale version is **19.5540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1616, 0.3307, 0.2091**, and **13.0309, 0.4191, 0.2082** is the 20% darker color. If you saturate the color by 10%, you get **24.8762, 0.4173, 0.2099**, and if you desaturate by 10%, it is **29.3507, 0.3889, 0.2150**.

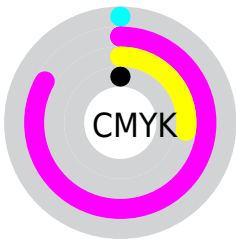
Distribution



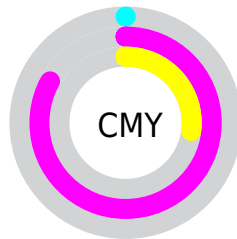
- Red (100%)
- Green (17%)
- Blue (73%)



- Red (100%)
- Yellow (17%)
- Blue (73%)



- Cyan (0%)
- Magenta (83%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (83%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5329, 0.4033, 0.2099 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 26.5329, 0.4033, 0.2099 by changing the saturation by 10% instead.


 26.5329, 0.4033,
0.2099


 26.5329, 0.4033,
0.2099


285.3883, 0.3576,
0.2679


 17.2227, 0.4147,
0.1961


 54.1334, 0.3867,
0.2305


 10.3934, 0.4293,
0.1790


 73.1925, 0.3804,
0.2384


 5.6606, 0.4484,
0.1572


 96.2701, 0.3751,
0.2451

 2.6398, 0.4746,
0.1289

 123.7505, 0.3706,
0.2509

 0.9467, 0.5119,
0.0919

 156.0181, 0.3667,
0.2560

 0.0000, 0.5941,
0.0000

193.4574, 0.3633,

 0.0000, 0.7180,

0.2605

0.0000

236.4526, 0.3602,
0.2644

■ 0.0000, 0.0000,
0.0000

■ 26.5329, 0.4033,
0.2099

■ 26.5329, 0.4033,
0.2099

■ 24.8762, 0.4173,
0.2099

■ 29.3507, 0.3889,
0.2150

■ 24.2408, 0.4267,
0.2124


■ 33.5391, 0.3749,
0.2247


■ 39.2452, 0.3617,
0.2380

■ 46.6025, 0.3496,
0.2539

■ 55.7298, 0.3389,
0.2712

 66.7348, 0.3295,
0.2891

 79.7167, 0.3215,
0.3067

 94.7676, 0.3146,
0.3238

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.



26.5329, 0.2565, 0.1599



26.5329, 0.4033, 0.2099



26.5329, 0.5420, 0.2801

Triad

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



26.5329, 0.4033, 0.2099



26.5329, 0.4270, 0.5511



26.5329, 0.0979, 0.2002

Complementary

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



26.5329, 0.4033, 0.2099



73.1985, 0.2829, 0.5221

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.



26.5329, 0.1208, 0.3233



26.5329, 0.4033, 0.2099



26.5329, 0.3067, 0.6087

Square

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



26.5329, 0.4033, 0.2099



26.5329, 0.5323, 0.4487



26.5329, 0.1937, 0.5120



26.5329, 0.1110, 0.1484

Rectangle

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



26.5329, 0.4033, 0.2099



26.5329, 0.5841, 0.3313



26.5329, 0.1937, 0.5120



26.5329, 0.1010, 0.2316

Sweetspot

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



26.5256, 0.4032, 0.2099



64.5865, 0.3311, 0.2858



12.2589, 0.1902, 0.0920



12.9761, 0.3343, 0.2795



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.



26.5256, 0.4032, 0.2099



24.2408, 0.4267, 0.2124



23.5859, 0.5635, 0.3048



18.1940, 0.3188, 0.3131



12.6950, 0.4245, 0.2112



1.2562, 0.4097, 0.2031

Inverse Universe

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



26.5256, 0.4032, 0.2099



24.2408, 0.4267, 0.2124



76.9950, 0.2416, 0.3784



18.1940, 0.3188, 0.3131



12.6950, 0.4245, 0.2112



1.2562, 0.4097, 0.2031

Previews

White Background



This preview shows how the Yxy color 26.5329, 0.4033, 0.2099 looks on a white background.

Color Contrast Check

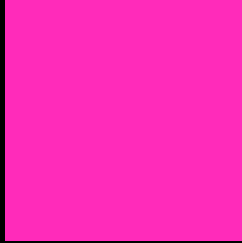
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5329, 0.4033, 0.2099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

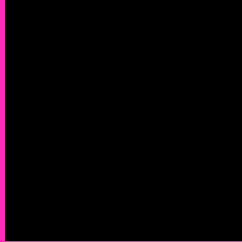
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.5329, 0.4033, 0.2099

Background



This preview shows how black text looks on a background with the Yxy color 26.5329, 0.4033, 0.2099.

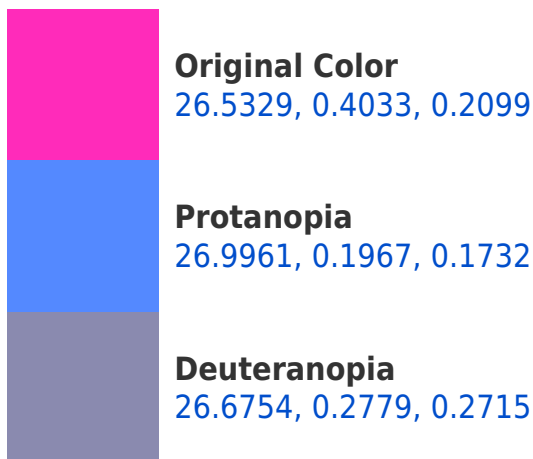


This preview shows how white text looks on a background with the Yxy color 26.5329, 0.4033, 0.2099.

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





Tritanopia

26.3309, 0.5311, 0.3253

Trichromacy



Original Color

26.5329, 0.4033, 0.2099



Protanomaly

21.5247, 0.2386, 0.1657



Deuteranomaly

22.7789, 0.3199, 0.2274



Tritanomaly

25.7434, 0.4901, 0.2807

Monochromacy



Original Color

26.5329, 0.4033, 0.2099



Achromatopsia

19.8069, 0.3127, 0.3290



Achromatomaly

18.7387, 0.3504, 0.2527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5329, 0.4033, 0.2099 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 43, 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(255, 43, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 43, 186) }
```

Border

The CSS property to change the border of an element to Yxy 26.5329, 0.4033, 0.2099 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, 186) }
```

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

```
.border{ border-color:rgb(255, 43, 186) }
```

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, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 43, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 43, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 43,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5329, 0.4033, 0.2099 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, 186) }
```

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

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