

Converting Colors

Yxy(26.4873, 0.3379, 0.1646)

Have a look what the booklet for
Yxy(26.4873, 0.3379, 0.1646)
contains.

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Color

Yxy(26.5039, 0.3379, 0.1646)

Conversions

Conversions Part 1

Format	Color
Hex	FA0BEA
RGB	250, 11, 234
RGB Percent	98%, 4%, 92%
CMY	0.0194, 0.9582, 0.0823
CMYK	0.00, 0.96, 0.06, 0.02
HSL	304°, 96%, 51%
HSV	304°, 96%, 98%
XYZ	54.4087, 26.5039, 80.1075
YIQ	107.8830, 70.8610, 120.0210

Conversions

Conversions Part 2

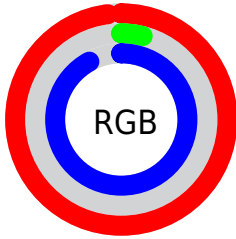
Format	Color
R _Y B	250, 11, 234
Decimal	16387050
CIE Lab	58.51, 93.98, -52.08
CIE LCh	59, 107.450, 331.007
Yxy	26.5039, 0.3379, 0.1646
Android (android.graphics.Color)	4294577130 (0xFFFA0BEA)
YUV	107.8830, 62.1757, 124.6366
Hunter-Lab	51.4819, 98.5543, -56.2197

Details

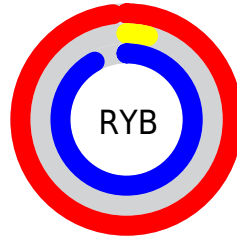
The Yxy color **26.5039, 0.3379, 0.1646** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **68.5435, 0.2989, 0.5935**, and the grayscale version is **14.7160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5832, 0.3192, 0.1914**, and **13.8657, 0.3362, 0.1626** is the 20% darker color. If you saturate the color by 10%, you get **26.2326, 0.3388, 0.1640**, and if you desaturate by 10%, it is **27.6118, 0.3357, 0.1680**.

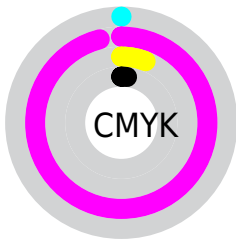
Distribution



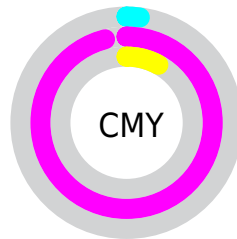
- Red (98%)
- Green (4%)
- Blue (92%)



- Red (98%)
- Yellow (4%)
- Blue (92%)



- Cyan (0%)
- Magenta (96%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (96%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5039, 0.3379, 0.1646 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 26.5039, 0.3379, 0.1646 by changing the saturation by 10% instead.

 26.5039, 0.3379,
0.1646


 26.5039, 0.3379,
0.1646


285.2470, 0.3298,
0.2389


 17.2010, 0.3386,
0.1487


 54.0868, 0.3359,
0.1896


 10.3779, 0.3389,
0.1299


 73.1355, 0.3349,
0.1996

 5.6502, 0.3382,
0.1076


 96.2016, 0.3340,
0.2083

 2.6336, 0.3355,
0.0812

 123.6695, 0.3330,
0.2159

 0.9436, 0.3284,
0.0512

 155.9236, 0.3321,
0.2227

 0.0000, 0.3186,
0.0000

193.3483, 0.3313,

 0.0000, 0.2754,

0.2287

0.0000

236.3280, 0.3305,
0.2340

■ 0.0000, 0.0306,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 26.5039, 0.3379,
0.1646

■ 26.5039, 0.3379,
0.1646

■ 26.2326, 0.3388,
0.1640

■ 27.6118, 0.3357,
0.1680

■ 29.7701, 0.3332,
0.1758

■ 33.1699, 0.3304,
0.1879

■ 37.9645, 0.3275,
0.2041

44.2850, 0.3246,
0.2236

52.2476, 0.3217,
0.2455

61.9570, 0.3189,
0.2687

73.5096, 0.3163,
0.2925

86.9943, 0.3140,
0.3159

Harmonies

Analogous

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



26.5039, 0.1904, 0.1244



26.5039, 0.3379, 0.1646



26.5039, 0.5253, 0.2325

Triad

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



26.5039, 0.3379, 0.1646



26.5039, 0.4829, 0.5171



26.5039, 0.0761, 0.2205

Complementary

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



26.5039, 0.3379, 0.1646



68.5435, 0.2989, 0.5935

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.



26.5039, 0.1159, 0.4136



26.5039, 0.3379, 0.1646



26.5039, 0.3450, 0.6402

Square

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



26.5039, 0.3379, 0.1646



26.5039, 0.5944, 0.3984



26.5039, 0.2149, 0.6389



26.5039, 0.0775, 0.1387

Rectangle

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



26.5039, 0.3379, 0.1646



26.5039, 0.6099, 0.2839



26.5039, 0.2149, 0.6389



26.5039, 0.0835, 0.2702

Sweetspot

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



26.5052, 0.3379, 0.1646



61.2335, 0.3198, 0.2610



7.3643, 0.1534, 0.0634



12.1862, 0.3210, 0.2511



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.



26.5052, 0.3379, 0.1646



27.4293, 0.3388, 0.1640



21.7872, 0.5172, 0.2644



17.5033, 0.3148, 0.3072



13.9180, 0.3385, 0.1638



1.2949, 0.3362, 0.1625

Inverse Universe

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



26.5052, 0.3379, 0.1646



27.4293, 0.3388, 0.1640



70.5508, 0.2655, 0.4737



17.5033, 0.3148, 0.3072



13.9180, 0.3385, 0.1638



1.2949, 0.3362, 0.1625

Previews

White Background



This preview shows how the Yxy color 26.5039, 0.3379, 0.1646 looks on a white background.

Color Contrast Check

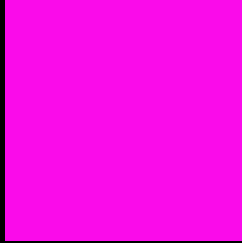
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5039, 0.3379, 0.1646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

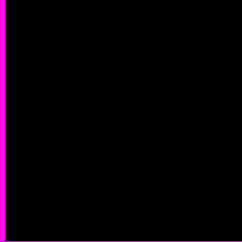
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5039, 0.3379, 0.1646

Background



This preview shows how black text looks on a background with the Yxy color 26.5039, 0.3379, 0.1646.



This preview shows how white text looks on a background with the Yxy color 26.5039, 0.3379, 0.1646.

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

26.5039, 0.3379, 0.1646

Protanopia

27.1908, 0.1962, 0.1742

Deuteranopia

26.9264, 0.2197, 0.2136



Tritanopia

26.3690, 0.4985, 0.3236

Trichromacy



Original Color

26.5039, 0.3379, 0.1646



Protanomaly

20.2093, 0.2244, 0.1420



Deuteranomaly

20.4102, 0.2488, 0.1632



Tritanomaly

24.2526, 0.4436, 0.2487

Monochromacy



Original Color

26.5039, 0.3379, 0.1646



Achromatopsia

14.9960, 0.3127, 0.3290



Achromatomaly

14.5718, 0.3269, 0.2098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5039, 0.3379, 0.1646 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(250, 11, 234)` looks like.

```
.text, #text, p{  
    color:rgb(250, 11, 234)  
}
```

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(250, 11, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 11, 234) }
```

Border

The CSS property to change the border of an element to Yxy 26.5039, 0.3379, 0.1646 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(250, 11, 234) }
```

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

```
.border{ border-color:rgb(250, 11, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 11, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 11, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 11, 234);  
box-shadow:4px 4px 4px 4px rgb(250, 11,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5039, 0.3379, 0.1646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 11, 234) }
```

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

```
.background{ background-color: rgb(250, 11,  
234) }
```

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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