

Converting Colors

Yxy(26.2750, 0.3431, 0.1668)

Have a look what the booklet for
Yxy(26.2750, 0.3431, 0.1668)
contains.

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Color

Yxy(26.3092, 0.3435, 0.1670)

Conversions

Conversions Part 1

Format	Color
Hex	FB04E6
RGB	251, 4, 230
RGB Percent	98%, 2%, 90%
CMY	0.0157, 0.9846, 0.0979
CMYK	0.00, 0.98, 0.08, 0.02
HSL	305°, 97%, 50%
HSV	305°, 98%, 98%
XYZ	54.1150, 26.3092, 77.1159
YIQ	103.6170, 74.6660, 122.6500

Conversions

Conversions Part 2

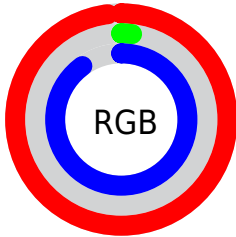
Format	Color
RYB	251, 4, 230
Decimal	16450790
CIELab	58.33, 94.02, -50.12
CIElCh	58, 106.549, 331.939
Yxy	26.3092, 0.3435, 0.1670
Android (android.graphics.Color)	4294640870 (0xFFFB04E6)
YUV	103.6170, 62.3068, 129.2549
Hunter-Lab	51.2925, 98.5607, -53.2350

Details

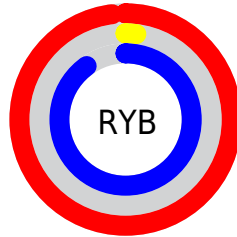
The Yxy color **26.3092, 0.3435, 0.1670** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **69.0923, 0.2987, 0.5944**, and the grayscale version is **13.5410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3806, 0.3192, 0.1907**, and **13.8748, 0.3419, 0.1657** is the 20% darker color. If you saturate the color by 10%, you get **26.2067, 0.3439, 0.1668**, and if you desaturate by 10%, it is **27.2256, 0.3407, 0.1692**.

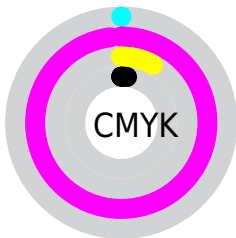
Distribution



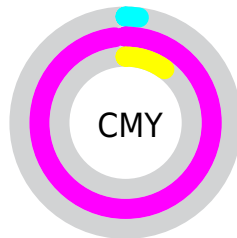
- Red (98%)
- Green (2%)
- Blue (90%)



- Red (98%)
- Yellow (2%)
- Blue (90%)



- Cyan (0%)
- Magenta (98%)
- Yellow (8%)
- Black (2%)




- Cyan (2%)
- Magenta (98%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3092, 0.3435, 0.1670 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 26.3092, 0.3435, 0.1670 by changing the saturation by 10% instead.

 26.3092, 0.3435,
0.1670


 26.3092, 0.3435,
0.1670


284.2966, 0.3324,
0.2406


 17.0551, 0.3450,
0.1512


 53.7733, 0.3404,
0.1919


 10.2738, 0.3463,
0.1324


 72.7522, 0.3390,
0.2018


 5.5809, 0.3470,
0.1099


 95.7414, 0.3376,
0.2104

 2.5919, 0.3460,
0.0832

 123.1253, 0.3364,
0.2179

 0.9226, 0.3413,
0.0526

 155.2884, 0.3353,
0.2246

 0.0000, 0.3352,
0.0000

192.6151, 0.3342,

 0.0000, 0.2951,

0.2305

0.0000

235.4897, 0.3333,
0.2358

■ 0.0000, 0.0166,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 26.3092, 0.3435,
0.1670

■ 26.3092, 0.3435,
0.1670

■ 26.2067, 0.3439,
0.1668

■ 27.2256, 0.3407,
0.1692

■ 29.1175, 0.3377,
0.1756

■ 32.2154, 0.3344,
0.1864

■ 36.6820, 0.3309,
0.2013

42.6549, 0.3274,
0.2198

50.2551, 0.3239,
0.2409

59.5910, 0.3206,
0.2635

70.7620, 0.3176,
0.2868

83.8597, 0.3148,
0.3100

Harmonies

Analogous

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



26.3092, 0.1945, 0.1258



26.3092, 0.3435, 0.1670



26.3092, 0.5293, 0.2354

Triad

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



26.3092, 0.3435, 0.1670



26.3092, 0.4788, 0.5212



26.3092, 0.0764, 0.2173

Complementary

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



26.3092, 0.3435, 0.1670



69.0923, 0.2987, 0.5944

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.



26.3092, 0.1147, 0.4055



26.3092, 0.3435, 0.1670



26.3092, 0.3412, 0.6415

Square

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



26.3092, 0.3435, 0.1670



26.3092, 0.5910, 0.4020



26.3092, 0.2120, 0.6325



26.3092, 0.0788, 0.1380

Rectangle

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



26.3092, 0.3435, 0.1670



26.3092, 0.6108, 0.2869



26.3092, 0.2120, 0.6325



26.3092, 0.0835, 0.2656

Sweetspot

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



26.3105, 0.3435, 0.1670



60.1090, 0.3212, 0.2599



7.2510, 0.1527, 0.0621



11.9702, 0.3225, 0.2502



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.



26.3105, 0.3435, 0.1670



27.1638, 0.3439, 0.1668



21.6541, 0.5313, 0.2709



17.4977, 0.3151, 0.3076



13.7855, 0.3435, 0.1666



1.2840, 0.3405, 0.1649

Inverse Universe

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



26.3105, 0.3435, 0.1670



27.1638, 0.3439, 0.1668



71.1624, 0.2647, 0.4721



17.4977, 0.3151, 0.3076



13.7855, 0.3435, 0.1666



1.2840, 0.3405, 0.1649

Previews

White Background



This preview shows how the Yxy color 26.3092, 0.3435, 0.1670 looks on a white background.

Color Contrast Check

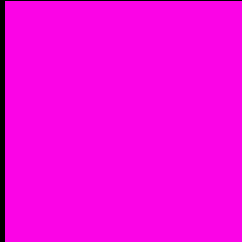
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3092, 0.3435, 0.1670 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 26.3092, 0.3435, 0.1670

Background



This preview shows how black text looks on a background with the Yxy color 26.3092, 0.3435, 0.1670.



This preview shows how white text looks on a background with the Yxy color 26.3092, 0.3435, 0.1670.

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

26.3092, 0.3435, 0.1670

Protanopia

27.1908, 0.1962, 0.1742

Deuteranopia

26.9507, 0.2241, 0.2186



Tritanopia

26.3340, 0.5043, 0.3237

Trichromacy



Original Color

26.3092, 0.3435, 0.1670



Protanomaly

19.6382, 0.2245, 0.1398



Deuteranomaly

19.8707, 0.2533, 0.1640



Tritanomaly

24.2269, 0.4497, 0.2497

Monochromacy



Original Color

26.3092, 0.3435, 0.1670



Achromatopsia

13.8432, 0.3127, 0.3290



Achromatomaly

13.5044, 0.3288, 0.2068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3092, 0.3435, 0.1670 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(251, 4, 230)` looks like.

```
.text, #text, p{  
    color:rgb(251, 4, 230)  
}
```

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(251, 4, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 4, 230) }
```

Border

The CSS property to change the border of an element to Yxy 26.3092, 0.3435, 0.1670 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(251, 4, 230) }
```

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

```
.border{ border-color:rgb(251, 4, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 4, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 4, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 4, 230);  
box-shadow:4px 4px 4px 4px rgb(251, 4,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3092, 0.3435, 0.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 4, 230) }
```

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

```
.background{ background-color: rgb(251, 4,  
230) }
```

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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