

Converting Colors

$Y_{xy}(27.4766, 0.3172, 0.1551)$

Have a look what the booklet for
Yxy(27.4766, 0.3172, 0.1551)
contains.

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Color

Yxy(27.4345, 0.3168, 0.1549)

Conversions

Conversions Part 1

Format	Color
Hex	F719FB
RGB	247, 25, 251
RGB Percent	97%, 10%, 98%
CMY	0.0314, 0.9014, 0.0159
CMYK	0.02, 0.90, 0.00, 0.02
HSL	299°, 97%, 54%
HSV	299°, 90%, 98%
XYZ	56.1088, 27.4345, 93.5678
YIQ	117.1420, 59.7660, 117.3500

Conversions

Conversions Part 2

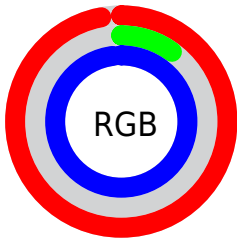
Format	Color
R _Y B	247, 25, 251
Decimal	16194043
CIE Lab	59.37, 94.55, -60.19
CIE LCh	59, 112.081, 327.519
Yxy	27.4345, 0.3168, 0.1549
Android (android.graphics.Color)	4294384123 (0xFFFF719FB)
YUV	117.1420, 65.9920, 113.8855
Hunter-Lab	52.3780, 99.5529, -69.2508

Details

The Yxy color **27.4345, 0.3168, 0.1549** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **69.3002, 0.3008, 0.5927**, and the grayscale version is **17.6387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4173, 0.3190, 0.1942**, and **14.2894, 0.3119, 0.1492** is the 20% darker color. If you saturate the color by 10%, you get **26.6553, 0.3165, 0.1517**, and if you desaturate by 10%, it is **29.1164, 0.3170, 0.1617**.

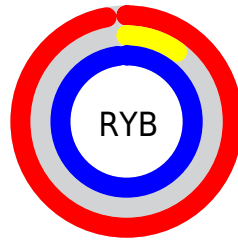
Distribution



Red (97%)

Green (10%)

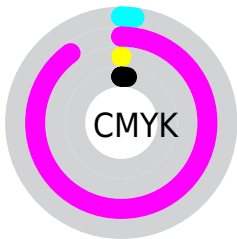
Blue (98%)



Red (97%)

Yellow (10%)

Blue (98%)

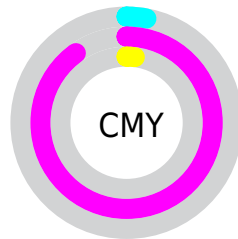


Cyan (2%)

Magenta (90%)

Yellow (0%)

Black (2%)



Cyan (3%)

Magenta (90%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4345, 0.3168, 0.1549 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 27.4345, 0.3168, 0.1549 by changing the saturation by 10% instead.


 27.4345, 0.3168,
0.1549


 27.4345, 0.3168,
0.1549


289.7548, 0.3200,
0.2317

 17.8998, 0.3147,
0.1390


 55.5803, 0.3190,
0.1804


 10.8781, 0.3114,
0.1204


 74.9602, 0.3196,
0.1906


 5.9849, 0.3062,
0.0987


 98.3907, 0.3199,
0.1997

 2.8359, 0.2976,
0.0736

 126.2561, 0.3201,
0.2076

 1.0467, 0.2831,
0.0460

 158.9408, 0.3201,
0.2147

 0.0000, 0.2628,
0.0000

196.8292, 0.3202,

 0.0000, 0.2138,

0.2210

0.0000

240.3057, 0.3201,
0.2266

■ 0.0000, 0.0664,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 27.4345, 0.3168,
0.1549

■ 27.4345, 0.3168,
0.1549

■ 26.6553, 0.3165,
0.1517


■ 29.1164, 0.3170,
0.1617


■ 26.6540, 0.3165,
0.1517


■ 31.9730, 0.3170,
0.1729

■ 36.1732, 0.3168,
0.1884


■ 41.8578, 0.3164,
0.2076

 49.1499, 0.3159,
0.2298

 58.1595, 0.3152,
0.2540

 68.9872, 0.3144,
0.2791

 81.7258, 0.3136,
0.3044

 96.4617, 0.3127,
0.3291

Harmonies

Analogous

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



27.4345, 0.1750, 0.1181



27.4345, 0.3168, 0.1549



27.4345, 0.5105, 0.2209

Triad

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



27.4345, 0.3168, 0.1549



27.4345, 0.4984, 0.5016



27.4345, 0.0740, 0.2328

Complementary

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



27.4345, 0.3168, 0.1549



69.3002, 0.3008, 0.5927

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.



27.4345, 0.1195, 0.4466



27.4345, 0.3168, 0.1549



27.4345, 0.3591, 0.6361

Square

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



27.4345, 0.3168, 0.1549



27.4345, 0.6081, 0.3842



27.4345, 0.2247, 0.6635



27.4345, 0.0721, 0.1403

Rectangle

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



27.4345, 0.3168, 0.1549



27.4345, 0.6074, 0.2723



27.4345, 0.2247, 0.6635



27.4345, 0.0829, 0.2887

Sweetspot

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



27.4358, 0.3168, 0.1549



63.4323, 0.3150, 0.2614



8.2404, 0.1549, 0.0696



12.8087, 0.3152, 0.2529



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.



27.4358, 0.3168, 0.1549



27.6401, 0.3165, 0.1517



23.2647, 0.4636, 0.2382



17.5081, 0.3135, 0.3056



14.0233, 0.3165, 0.1517



1.3036, 0.3171, 0.1520

Inverse Universe

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



21.2918, 0.6227, 0.3286



21.2698, 0.6388, 0.3293



70.8009, 0.2730, 0.4963



17.2302, 0.3291, 0.3286



10.7878, 0.6383, 0.3290



1.0008, 0.6338, 0.3265

Previews

White Background



This preview shows how the Yxy color 27.4345, 0.3168, 0.1549 looks on a white background.

Color Contrast Check

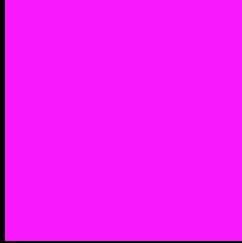
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4345, 0.3168, 0.1549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

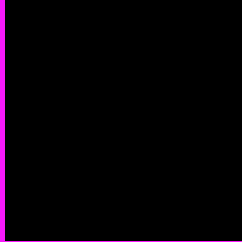
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4345, 0.3168, 0.1549

Background



This preview shows how black text looks on a background with the Yxy color 27.4345, 0.3168, 0.1549.



This preview shows how white text looks on a background with the Yxy color 27.4345, 0.3168, 0.1549.

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

27.4345, 0.3168, 0.1549

Protanopia

27.9546, 0.1984, 0.1774

Deuteranopia

27.8416, 0.2052, 0.1992



Tritanopia

27.1648, 0.4761, 0.3220

Trichromacy



Original Color

27.4345, 0.3168, 0.1549



Protanomaly

21.9109, 0.2232, 0.1441



Deuteranomaly

21.4979, 0.2291, 0.1546



Tritanomaly

25.2728, 0.4180, 0.2425

Monochromacy



Original Color

27.4345, 0.3168, 0.1549



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

16.9863, 0.3156, 0.2114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4345, 0.3168, 0.1549 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(247, 25, 251)` looks like.

```
.text, #text, p{  
  color:rgb(247, 25, 251)  
}
```

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(247, 25, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 25, 251) }
```

Border

The CSS property to change the border of an element to Yxy 27.4345, 0.3168, 0.1549 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(247, 25, 251) }
```

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

```
.border{ border-color:rgb(247, 25, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 25, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 25, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 25, 251);  
box-shadow:4px 4px 4px 4px rgb(247, 25,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4345, 0.3168, 0.1549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 25, 251) }
```

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

```
.background{ background-color: rgb(247, 25,  
251) }
```

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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