

Converting Colors

Yxy(27.1523, 0.3217, 0.1546)

Have a look what the booklet for
Yxy(27.1523, 0.3217, 0.1546)
contains.

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Color

Yxy(27.1635, 0.3219, 0.1547)

Conversions

Conversions Part 1

Format	Color
Hex	FA00F9
RGB	250, 0, 249
RGB Percent	98%, 0%, 98%
CMY	0.0197, 0.9996, 0.0234
CMYK	0.00, 1.00, 0.00, 0.02
HSL	300°, 100%, 49%
HSV	300°, 100%, 98%
XYZ	56.5219, 27.1635, 91.9029
YIQ	103.1360, 69.0710, 130.4390

Conversions

Conversions Part 2

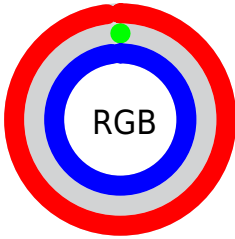
Format	Color
R_{YB}	250, 0, 249
Decimal	16384249
CIE _{Lab}	59.13, 96.65, -59.48
CIE _{LCh}	59, 113.487, 328.389
Yxy	27.1635, 0.3219, 0.1547
Android (android.graphics.Color)	4294574329 (0xFFFA00F9)
YUV	103.1360, 71.9110, 128.7997
Hunter-Lab	52.1186, 102.3730, -68.0654

Details

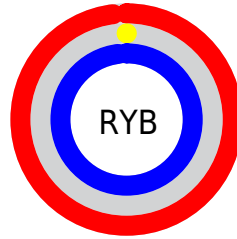
The Yxy color **27.1635, 0.3219, 0.1547** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **68.3663, 0.3000, 0.5998**, and the grayscale version is **13.4112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3806, 0.3192, 0.1907**, and **14.4971, 0.3157, 0.1513** is the 20% darker color. If you saturate the color by 10%, you get **27.1624, 0.3219, 0.1547**, and if you desaturate by 10%, it is **27.8683, 0.3217, 0.1576**.

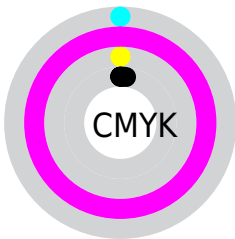
Distribution



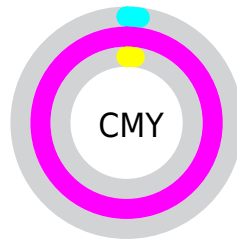
- Red (98%)
- Green (0%)
- Blue (98%)



- Red (98%)
- Yellow (0%)
- Blue (98%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1635, 0.3219, 0.1547 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 27.1635, 0.3219, 0.1547 by changing the saturation by 10% instead.


 27.1635, 0.3219,
0.1547


 27.1635, 0.3219,
0.1547


288.4479, 0.3226,
0.2317


 17.6961, 0.3204,
0.1388


 55.1461, 0.3232,
0.1802


 10.7320, 0.3178,
0.1201


 74.4301, 0.3234,
0.1905


 5.8869, 0.3135,
0.0983


 97.7550, 0.3235,
0.1995

 2.7764, 0.3060,
0.0732

 125.5053, 0.3234,
0.2075

 1.0162, 0.2929,
0.0455

 158.0653, 0.3233,
0.2146

 0.0000, 0.2744,
0.0000

195.8195, 0.3231,

 0.0000, 0.2268,

0.2209

0.0000

239.1522, 0.3229,
0.2266

■ 0.0000, 0.0824,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 27.1635, 0.3219,
0.1547

■ 27.1635, 0.3219,
0.1547

■ 27.1624, 0.3219,
0.1547

■ 27.8683, 0.3217,
0.1576

■ 29.4647, 0.3212,
0.1641

■ 32.2267, 0.3206,
0.1749

■ 36.3205, 0.3198,
0.1899

41.8853, 0.3188,
0.2088

49.0430, 0.3177,
0.2307

57.9028, 0.3164,
0.2546

68.5641, 0.3152,
0.2795

81.1188, 0.3139,
0.3046

Harmonies

Analogous

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



27.1635, 0.1764, 0.1169



27.1635, 0.3219, 0.1547



27.1635, 0.5187, 0.2217

Triad

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



27.1635, 0.3219, 0.1547



27.1635, 0.4947, 0.5053



27.1635, 0.0713, 0.2268

Complementary

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



27.1635, 0.3219, 0.1547



68.3663, 0.3000, 0.5998

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.



27.1635, 0.1148, 0.4403



27.1635, 0.3219, 0.1547



27.1635, 0.3537, 0.6429

Square

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



27.1635, 0.3219, 0.1547



27.1635, 0.6086, 0.3861



27.1635, 0.2187, 0.6665



27.1635, 0.0707, 0.1367

Rectangle

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



27.1635, 0.3219, 0.1547



27.1635, 0.6142, 0.2731



27.1635, 0.2187, 0.6665



27.1635, 0.0797, 0.2819

Sweetspot

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



27.1648, 0.3219, 0.1547



60.5011, 0.3165, 0.2544



6.9043, 0.1500, 0.0600



12.0657, 0.3170, 0.2441



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.



27.1648, 0.3219, 0.1547



28.4166, 0.3219, 0.1547



21.8058, 0.4998, 0.2527



17.5234, 0.3139, 0.3057



14.4100, 0.3219, 0.1547



1.3350, 0.3218, 0.1546

Inverse Universe

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



27.1648, 0.3219, 0.1547



28.4166, 0.3219, 0.1547



69.8458, 0.2733, 0.5038



17.5234, 0.3139, 0.3057



14.4100, 0.3219, 0.1547



1.3350, 0.3218, 0.1546

Previews

White Background



This preview shows how the Yxy color 27.1635, 0.3219, 0.1547 looks on a white background.

Color Contrast Check

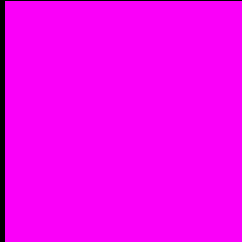
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1635, 0.3219, 0.1547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

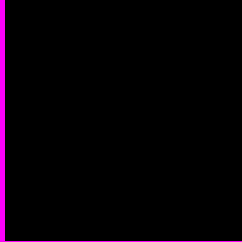
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1635, 0.3219, 0.1547

Background



This preview shows how black text looks on a background with the Yxy color 27.1635, 0.3219, 0.1547.



This preview shows how white text looks on a background with the Yxy color 27.1635, 0.3219, 0.1547.

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

27.1635, 0.3219, 0.1547

Protanopia

27.9546, 0.1984, 0.1774

Deuteranopia

27.9133, 0.2078, 0.2017



Tritanopia

27.2273, 0.4844, 0.3233

Trichromacy



Original Color

27.1635, 0.3219, 0.1547



Protanomaly

20.3476, 0.2231, 0.1369



Deuteranomaly

19.9973, 0.2313, 0.1480



Tritanomaly

24.4048, 0.4270, 0.2382

Monochromacy



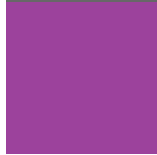
Original Color

27.1635, 0.3219, 0.1547



Achromatopsia

13.5633, 0.3127, 0.3290



Achromatomaly

13.3646, 0.3189, 0.1968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1635, 0.3219, 0.1547 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, 0, 249)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 249)  
}
```

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, 0, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 249) }
```

Border

The CSS property to change the border of an element to Yxy 27.1635, 0.3219, 0.1547 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, 0, 249) }
```

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

```
.border{ border-color:rgb(250, 0, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 0, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 249);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1635, 0.3219, 0.1547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 249) }
```

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

```
.background{ background-color: rgb(250, 0,  
249) }
```

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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