

Converting Colors

Yxy(27.4693, 0.3208, 0.1579)

Have a look what the booklet for
Yxy(27.4693, 0.3208, 0.1579)
contains.

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Color

Yxy(27.3683, 0.3207, 0.1579)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F71DF7 |
| RGB | 247, 29, 247 |
| RGB Percent | 97%, 11%, 97% |
| CMY | 0.0314, 0.8862, 0.0313 |
| CMYK | 0.00, 0.88, 0.00, 0.03 |
| HSL | 300°, 93%, 54% |
| HSV | 300°, 88%, 97% |
| XYZ | 55.5859, 27.3683, 90.3726 |
| YIQ | 119.0340, 59.9500, 114.0140 |

Conversions

Conversions Part 2

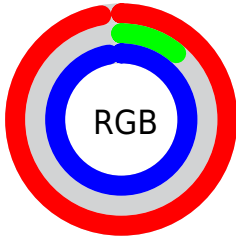
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 247, 29, 247 |
| Decimal | 16195063 |
| CIE Lab | 59.31, 93.50, -58.10 |
| CIE LCh | 59, 110.086, 328.142 |
| Yxy | 27.3683, 0.3207, 0.1579 |
| Android (android.graphics.Color) | 4294385143 (0xFFFF71DF7) |
| YUV | 119.0340, 63.0872, 112.2262 |
| Hunter-Lab | 52.3147, 98.1106, -65.8019 |

Details

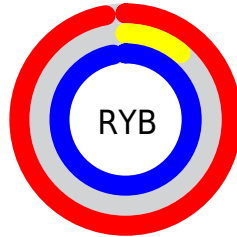
The Yxy color **27.3683, 0.3207, 0.1579** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **66.8911, 0.3004, 0.5910**, and the grayscale version is **18.2477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8489, 0.3190, 0.1956**, and **14.1568, 0.3157, 0.1513** is the 20% darker color. If you saturate the color by 10%, you get **26.5824, 0.3209, 0.1545**, and if you desaturate by 10%, it is **29.1038, 0.3204, 0.1652**.

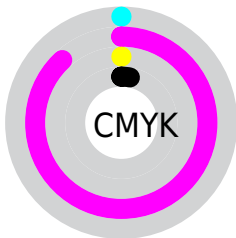
Distribution



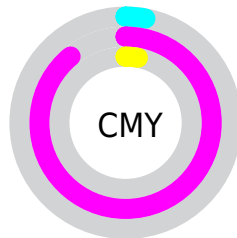
- Red (97%)
- Green (11%)
- Blue (97%)



- Red (97%)
- Yellow (11%)
- Blue (97%)



- Cyan (0%)
- Magenta (88%)
- Yellow (0%)
- Black (3%)




- Cyan (3%)
- Magenta (89%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3683, 0.3207, 0.1579 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 27.3683, 0.3207, 0.1579 by changing the saturation by 10% instead.


 27.3683, 0.3207,
0.1579


 27.3683, 0.3207,
0.1579


289.4360, 0.3218,
0.2339


 17.8500, 0.3191,
0.1420


 55.4743, 0.3221,
0.1832

 10.8424, 0.3165,
0.1234


 74.8308, 0.3224,
0.1934

 5.9609, 0.3121,
0.1016


 98.2355, 0.3224,
0.2023

 2.8213, 0.3046,
0.0762

 126.0729, 0.3224,
0.2101

 1.0392, 0.2914,
0.0479

 158.7272, 0.3223,
0.2171

 0.0000, 0.2731,
0.0000

196.5829, 0.3222,

 0.0000, 0.2245,

0.2233

0.0000

240.0243, 0.3220,
0.2289

■ 0.0000, 0.0585,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 27.3683, 0.3207,
0.1579

■ 27.3683, 0.3207,
0.1579

■ 26.5824, 0.3209,
0.1545


■ 29.1038, 0.3204,
0.1652

■ 26.4883, 0.3209,
0.1541

■ 32.0021, 0.3198,
0.1768


■ 36.2202, 0.3191,
0.1926


■ 41.8901, 0.3182,
0.2121

 49.1276, 0.3171,
0.2344

 58.0370, 0.3160,
0.2586

 68.7137, 0.3148,
0.2837

 81.2456, 0.3137,
0.3088

 95.7150, 0.3125,
0.3332

Harmonies

Analogous

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



27.3683, 0.1788, 0.1206



27.3683, 0.3207, 0.1579



27.3683, 0.5112, 0.2241

Triad

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



27.3683, 0.3207, 0.1579



27.3683, 0.4955, 0.5045



27.3683, 0.0759, 0.2318

Complementary

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



27.3683, 0.3207, 0.1579



66.8911, 0.3004, 0.5910

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.



27.3683, 0.1206, 0.4394



27.3683, 0.3207, 0.1579



27.3683, 0.3574, 0.6342

Square

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



27.3683, 0.3207, 0.1579



27.3683, 0.6037, 0.3876



27.3683, 0.2247, 0.6550



27.3683, 0.0744, 0.1415

Rectangle

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



27.3683, 0.3207, 0.1579



27.3683, 0.6051, 0.2754



27.3683, 0.2247, 0.6550



27.3683, 0.0847, 0.2861

Sweetspot

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



27.3696, 0.3207, 0.1579



64.7439, 0.3158, 0.2641



8.0481, 0.1557, 0.0703



13.0707, 0.3162, 0.2554



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.



27.3696, 0.3207, 0.1579



28.4708, 0.3209, 0.1541



22.6028, 0.4656, 0.2410



16.7682, 0.3138, 0.3057



14.0050, 0.3209, 0.1541



1.2310, 0.3209, 0.1541

Inverse Universe

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



20.7489, 0.6206, 0.3299



21.2601, 0.6401, 0.3300



68.5339, 0.2711, 0.4876



16.4826, 0.3294, 0.3290



10.4580, 0.6401, 0.3300



0.9192, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 27.3683, 0.3207, 0.1579 looks on a white background.

Color Contrast Check

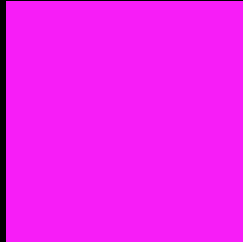
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3683, 0.3207, 0.1579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

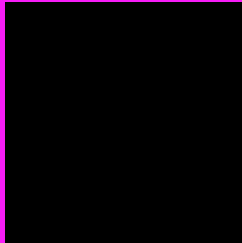
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3683, 0.3207, 0.1579

Background



This preview shows how black text looks on a background with the Yxy color 27.3683, 0.3207, 0.1579.



This preview shows how white text looks on a background with the Yxy color 27.3683, 0.3207, 0.1579.

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

27.3683, 0.3207, 0.1579

Protanopia

27.9546, 0.1984, 0.1774

Deuteranopia

27.9044, 0.2087, 0.2028



Tritanopia

27.3108, 0.4784, 0.3231

Trichromacy



Original Color

27.3683, 0.3207, 0.1579



Protanomaly

22.1624, 0.2245, 0.1472



Deuteranomaly

21.7868, 0.2335, 0.1588



Tritanomaly

25.3364, 0.4207, 0.2453

Monochromacy



Original Color

27.3683, 0.3207, 0.1579



Achromatopsia

18.4475, 0.3127, 0.3290



Achromatomaly

17.5157, 0.3181, 0.2148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3683, 0.3207, 0.1579 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, 29, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 29, 247)  
}
```

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, 29, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 29, 247) }
```

Border

The CSS property to change the border of an element to Yxy 27.3683, 0.3207, 0.1579 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, 29, 247) }
```

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

```
.border{ border-color:rgb(247, 29, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 29, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 29, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 29, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 29,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3683, 0.3207, 0.1579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 29, 247) }
```

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

```
.background{ background-color: rgb(247, 29,  
247) }
```

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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