

Converting Colors

$Y_{xy}(27.1128, 0.3207, 0.1593)$

Have a look what the booklet for
Yxy(27.1128, 0.3207, 0.1593)
contains.

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Color

Yxy(27.2071, 0.3207, 0.1594)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F523F5 |
| RGB | 245, 35, 245 |
| RGB Percent | 96%, 14%, 96% |
| CMY | 0.0392, 0.8627, 0.0393 |
| CMYK | 0.00, 0.86, 0.00, 0.04 |
| HSL | 300°, 91%, 55% |
| HSV | 300°, 86%, 96% |
| XYZ | 54.7385, 27.2071, 88.7388 |
| YIQ | 121.7300, 57.7500, 109.8300 |

Conversions

Conversions Part 2

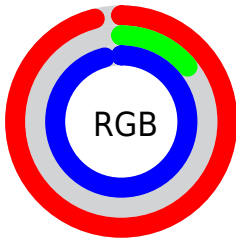
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 245, 35, 245 |
| Decimal | 16065525 |
| CIE Lab | 59.17, 92.01, -57.22 |
| CIE LCh | 59, 108.348, 328.122 |
| Yxy | 27.2071, 0.3207, 0.1594 |
| Android (android.graphics.Color) | 4294255605 (0xFFFF523F5) |
| YUV | 121.7300, 60.7721, 108.1078 |
| Hunter-Lab | 52.1604, 96.0418, -64.3559 |

Details

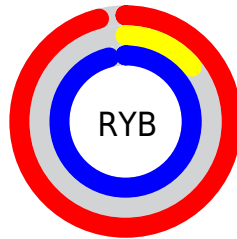
The Yxy color **27.2071, 0.3207, 0.1594** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **65.7895, 0.3006, 0.5876**, and the grayscale version is **19.1566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2903, 0.3189, 0.1971**, and **13.8212, 0.3156, 0.1512** is the 20% darker color. If you saturate the color by 10%, you get **26.2337, 0.3209, 0.1552**, and if you desaturate by 10%, it is **29.1866, 0.3203, 0.1678**.

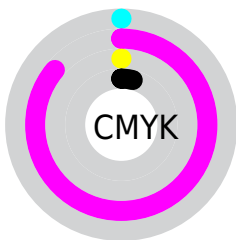
Distribution



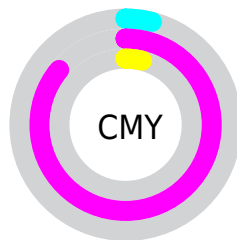
- Red (96%)
- Green (14%)
- Blue (96%)



- Red (96%)
- Yellow (14%)
- Blue (96%)



- Cyan (0%)
- Magenta (86%)
- Yellow (0%)
- Black (4%)




- Cyan (4%)
- Magenta (86%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2071, 0.3207, 0.1594 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 27.2071, 0.3207, 0.1594 by changing the saturation by 10% instead.


 27.2071, 0.3207,
0.1594


 27.2071, 0.3207,
0.1594


288.6585, 0.3217,
0.2350


 17.7288, 0.3192,
0.1435


 55.2160, 0.3221,
0.1847

 10.7555, 0.3166,
0.1249


 74.5154, 0.3223,
0.1948


 5.9027, 0.3123,
0.1029


 97.8574, 0.3224,
0.2036

 2.7860, 0.3048,
0.0773

 125.6262, 0.3223,
0.2114

 1.0210, 0.2916,
0.0486

 158.2064, 0.3222,
0.2184

 0.0000, 0.2732,
0.0000

195.9822, 0.3221,

 0.0000, 0.2238,

0.2245

0.0000

239.3381, 0.3219,
0.2301

■ 0.0000, 0.0327,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 27.2071, 0.3207,
0.1594

■ 27.2071, 0.3207,
0.1594

■ 26.2337, 0.3209,
0.1552

■ 29.1866, 0.3203,
0.1678

■ 26.0054, 0.3210,
0.1542

■ 32.3486, 0.3197,
0.1805

■ 36.8400, 0.3189,
0.1973

■ 42.7854, 0.3180,
0.2176

50.2952, 0.3169,
0.2404

59.4693, 0.3157,
0.2649

70.3989, 0.3145,
0.2901

83.1690, 0.3134,
0.3151

97.5273, 0.3123,
0.3387

Harmonies

Analogous

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



27.2071, 0.1802, 0.1222



27.2071, 0.3207, 0.1594



27.2071, 0.5086, 0.2253

Triad

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



27.2071, 0.3207, 0.1594



27.2071, 0.4955, 0.5045



27.2071, 0.0778, 0.2335

Complementary

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



27.2071, 0.3207, 0.1594



65.7895, 0.3006, 0.5876

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.



27.2071, 0.1229, 0.4382



27.2071, 0.3207, 0.1594



27.2071, 0.3585, 0.6310

Square

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



27.2071, 0.3207, 0.1594



27.2071, 0.6015, 0.3885



27.2071, 0.2268, 0.6500



27.2071, 0.0761, 0.1434

Rectangle

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



27.2071, 0.3207, 0.1594



27.2071, 0.6015, 0.2765



27.2071, 0.2268, 0.6500



27.2071, 0.0867, 0.2874

Sweetspot

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



27.2084, 0.3207, 0.1594



64.7457, 0.3158, 0.2641



8.1533, 0.1574, 0.0722



13.0711, 0.3162, 0.2555



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.



27.2084, 0.3207, 0.1594



28.4780, 0.3210, 0.1542



22.5106, 0.4653, 0.2436



16.7683, 0.3138, 0.3057



14.0085, 0.3210, 0.1542



1.2312, 0.3209, 0.1542

Inverse Universe

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



27.2084, 0.3207, 0.1594



28.4780, 0.3210, 0.1542



67.5616, 0.2692, 0.4775



16.7683, 0.3138, 0.3057



14.0085, 0.3210, 0.1542



1.2312, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 27.2071, 0.3207, 0.1594 looks on a white background.

Color Contrast Check

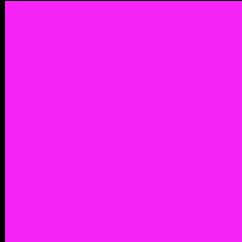
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2071, 0.3207, 0.1594 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 27.2071, 0.3207, 0.1594

Background



This preview shows how black text looks on a background with the Yxy color 27.2071, 0.3207, 0.1594.



This preview shows how white text looks on a background with the Yxy color 27.2071, 0.3207, 0.1594.

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

27.2071, 0.3207, 0.1594

Protanopia

27.6165, 0.1977, 0.1760

Deuteranopia

27.5383, 0.2096, 0.2035



Tritanopia

26.9989, 0.4751, 0.3219

Trichromacy



Original Color

27.2071, 0.3207, 0.1594



Protanomaly

22.1120, 0.2237, 0.1481



Deuteranomaly

22.0678, 0.2350, 0.1623



Tritanomaly

25.2654, 0.4180, 0.2460

Monochromacy



Original Color

27.2071, 0.3207, 0.1594



Achromatopsia

19.4618, 0.3127, 0.3290



Achromatomaly

18.3178, 0.3179, 0.2192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2071, 0.3207, 0.1594 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(245, 35, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 35, 245)  
}
```

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(245, 35, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 35, 245) }
```

Border

The CSS property to change the border of an element to Yxy 27.2071, 0.3207, 0.1594 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(245, 35, 245) }
```

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

```
.border{ border-color:rgb(245, 35, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 35, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 35, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 35, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 35,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2071, 0.3207, 0.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 35, 245) }
```

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

```
.background{ background-color: rgb(245, 35,  
245) }
```

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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