Converting Colors

Yxy(26.1967, 0.3085, 0.1473)

Have a look what the booklet for Yxy(26.1967, 0.3085, 0.1473) contains.

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Color

Yxy(26.2747, 0.3089, 0.1476)

Conversions

Conversions Part 1

Format	Color
Hex	F301FF
RGB	243, 1, 255
RGB Percent	95%, 0%, 100%
CMY	0.0473, 0.9970, 0.0001
CMYK	0.05, 1.00, 0.00, 0.00
HSL	297°, 100%, 50%
HSV	297°, 100%, 100%
XYZ	54.9882, 26.2747, 96.7500
YIQ	102.3140, 62.6980, 130.2980

Conversions

Conversions Part 2

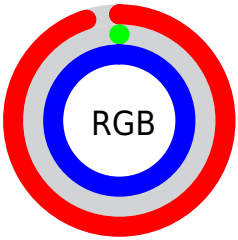
Format	Color
RYB	243, 1, 255
Decimal	15925759
CIELab	58.30, 96.38, -64.18
CIELCh	58, 115.794, 326.341
Yxy	26.2747, 0.3089, 0.1476
Android (android.graphics.Color)	4294115839 (0xFFF301FF)
YUV	102.3140, 75.2742, 123.3816
Hunter-Lab	51.2589, 101.7837, -76.0274

Details

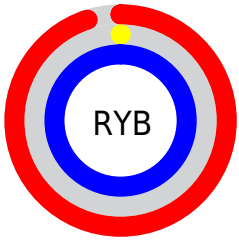
The Yxy color 26.2747, 0.3089, 0.1476 is a light color, and the websafe version is hex FF00FF. The color can be described as light saturated magenta. A complement of this color would be 71.5825, 0.3007, 0.5993, and the grayscale version is 13.1155, 0.3127, 0.3290.

A 20% lighter version of the original color is 38.1805, 0.3192, 0.1900, and 13.9763, 0.3018, 0.1436 is the 20% darker color. If you saturate the color by 10%, you get 26.2529, 0.3089, 0.1475, and if you desaturate by 10%, it is 27.2251, 0.3100, 0.1513.

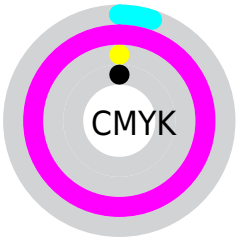
Distribution



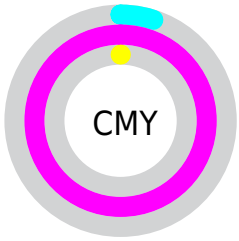
- Red (95%)
- Green (0%)
- Blue (100%)



- Red (95%)
- Yellow (0%)
- Blue (100%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2747, 0.3089, 0.1476 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 26.2747, 0.3089, 0.1476 by changing the saturation by 10% instead.

26.2747, 0.3089, 0.1476

284.1280, 0.3165, 0.2271

53.7178, 0.3128, 0.1738

72.6842, 0.3139, 0.1844

95.6597, 0.3148, 0.1938

123.0288, 0.3154, 0.2020

155.1757, 0.3158, 0.2093

192.4850, 0.3161,

26.2747, 0.3089, 0.1476

17.0293, 0.3057, 0.1314

10.2554, 0.3009, 0.1125

5.5686, 0.2938, 0.0907

2.5846, 0.2827, 0.0660

0.9189, 0.2649, 0.0394

0.0000, 0.2392, 0.0000

0.0000, 0.1877,

0.2159

0.0000

235.3409, 0.3164, 0.2218

0.0000, 0.0307, 0.0000

0.0000, 0.0000, 0.0000

26.2747, 0.3089, 0.1476

26.2747, 0.3089, 0.1476

26.2529, 0.3089, 0.1475

27.2251, 0.3100, 0.1513

29.1258, 0.3111, 0.1588

32.2530, 0.3119, 0.1708

36.7801, 0.3126, 0.1870

42.8530, 0.3131, 0.2069

50.5991, 0.3133, 0.2296

60.1327, 0.3134, 0.2542

71.5580, 0.3133, 0.2796

84.9713, 0.3131, 0.3050

Harmonies

Analogous

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

26.2747, 0.1661, 0.1118

26.2747, 0.3089, 0.1476

26.2747, 0.5114, 0.2135

Triad

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

26.2747, 0.3089, 0.1476

26.2747, 0.5044, 0.4956

26.2747, 0.0685, 0.2332

Complementary

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

26.2747, 0.3089, 0.1476

71.5825, 0.3007, 0.5993

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.

26.2747, 0.1149, 0.4631

26.2747, 0.3089, 0.1476

26.2747, 0.3600, 0.6400

Square

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

26.2747, 0.3089, 0.1476

26.2747, 0.6192, 0.3766

26.2747, 0.2224, 0.6850

26.2747, 0.0662, 0.1361

Rectangle

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

26.2747, 0.3089, 0.1476

26.2747, 0.6154, 0.2650

26.2747, 0.2224, 0.6850

26.2747, 0.0775, 0.2930

Sweetspot

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

26.2759, 0.3089, 0.1476

59.8396, 0.3134, 0.2535

7.5227, 0.1507, 0.0623

11.9044, 0.3134, 0.2430

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.

26.2759, 0.3089, 0.1476

26.2614, 0.3089, 0.1475

23.1801, 0.4779, 0.2408

18.2540, 0.3130, 0.3055

13.7413, 0.3091, 0.1476

1.3509, 0.3105, 0.1484

Inverse Universe

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

21.2982, 0.6363, 0.3281

21.2867, 0.6367, 0.3281

72.7431, 0.2779, 0.5201

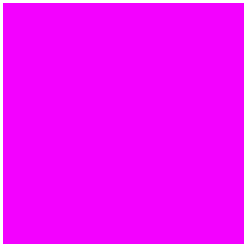
18.0010, 0.3287, 0.3279

11.1287, 0.6353, 0.3273

1.0882, 0.6241, 0.3212

Previews

White Background



This preview shows how the Yxy color 26.2747, 0.3089, 0.1476 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

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 26.2747, 0.3089, 0.1476

Background

This preview shows how black text looks on a background with the Yxy color 26.2747, 0.3089, 0.1476.

This preview shows how white text looks on a background with the Yxy color 26.2747, 0.3089, 0.1476.

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
26.2964, 0.3089, 0.1476

Protanopia
27.1463, 0.1958, 0.1741

Deuteranopia
26.9025, 0.1977, 0.1909

Tritanopia
26.3446, 0.4711, 0.3217

Trichromacy

Original Color
26.2964, 0.3089, 0.1476

Protanomaly
19.7749, 0.2174, 0.1329

Deuteranomaly
18.9803, 0.2167, 0.1383

Tritanomaly
23.3958, 0.4114, 0.2317

Monochromacy

Original Color
26.2964, 0.3089, 0.1476

Achromatopsia
13.2868, 0.3127, 0.3290

Achromatomaly
13.0215, 0.3119, 0.1916

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2747, 0.3089, 0.1476 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(243, 1, 255) looks like.

```
.text, #text, p{
    color:rgb(243, 1, 255)
}
```

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(243, 1, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 1, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.2747, 0.3089, 0.1476 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(243, 1, 255) }
```

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

```
.border{ border-color:rgb(243, 1, 255) }
```

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

Here you see how a box with a 4 pixel rgb(243, 1, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 1, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 1, 255); box-shadow:4px 4px 4px 4px rgb(243, 1, 255) }
```

Background

The CSS property to change the background color of an element to Yxy 26.2747, 0.3089, 0.1476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(243, 1, 255) }
```

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

```
.background{ background-color:rgb(243, 1, 255) }
```

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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