

Converting Colors

$Y_{xy}(25.9610, 0.3050, 0.1467)$

Have a look what the booklet for
Yxy(25.9610, 0.3050, 0.1467)
contains.

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Color

Yxy(25.8848, 0.3049, 0.1467)

Conversions

Conversions Part 1

Format	Color
Hex	EF0EFF
RGB	239, 14, 255
RGB Percent	94%, 5%, 100%
CMY	0.0628, 0.9445, 0.0000
CMYK	0.06, 0.94, 0.00, 0.00
HSL	296°, 100%, 53%
HSV	296°, 94%, 100%
XYZ	53.7987, 25.8848, 96.7636
YIQ	108.7490, 56.7390, 122.6510

Conversions

Conversions Part 2

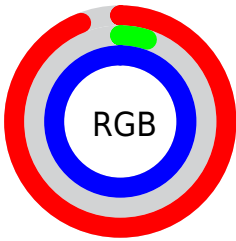
Format	Color
R _Y B	239, 14, 255
Decimal	15666943
CIE Lab	57.93, 94.95, -64.82
CIE LCh	58, 114.966, 325.677
Yxy	25.8848, 0.3049, 0.1467
Android (android.graphics.Color)	4293857023 (0xFFEF0EFF)
YUV	108.7490, 72.1017, 114.2301
Hunter-Lab	50.8771, 99.7155, -77.1502

Details

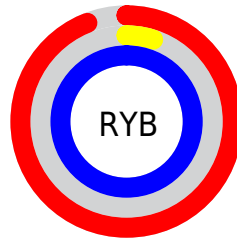
The Yxy color **25.8848, 0.3049, 0.1467** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **71.8271, 0.3017, 0.5957**, and the grayscale version is **15.0235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5832, 0.3192, 0.1914**, and **13.4962, 0.2967, 0.1408** is the 20% darker color. If you saturate the color by 10%, you get **25.4046, 0.3040, 0.1448**, and if you desaturate by 10%, it is **27.3583, 0.3065, 0.1526**.

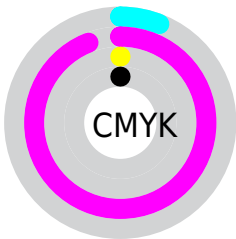
Distribution



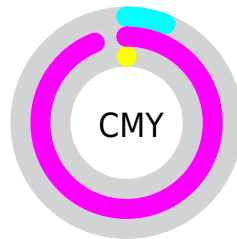
- Red (94%)
- Green (5%)
- Blue (100%)



- Red (94%)
- Yellow (5%)
- Blue (100%)



- Cyan (6%)
- Magenta (94%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (94%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8848, 0.3049, 0.1467 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 25.8848, 0.3049, 0.1467 by changing the saturation by 10% instead.

 25.8848, 0.3049,
0.1467


 25.8848, 0.3049,
0.1467


282.2161, 0.3146,
0.2267


 16.7375, 0.3012,
0.1303


 53.0890, 0.3095,
0.1731


 10.0475, 0.2958,
0.1114


 71.9148, 0.3109,
0.1838


 5.4305, 0.2878,
0.0895


 94.7354, 0.3120,
0.1932

 2.5020, 0.2757,
0.0647

 121.9353, 0.3128,
0.2015

 0.8776, 0.2566,
0.0381

 153.8990, 0.3134,
0.2088

 0.0000, 0.2288,
0.0000

191.0107, 0.3139,


 0.0000, 0.1757,


0.2154


0.0000


233.6550, 0.3143,
0.2214


 0.0000, 0.0000,
0.0000

 25.8848, 0.3049,
0.1467


 25.8848, 0.3049,
0.1467


 25.4046, 0.3040,
0.1448

 27.3583, 0.3065,
0.1526

 29.9611, 0.3080,
0.1628

 33.8875, 0.3094,
0.1774

 39.2949, 0.3105,
0.1960

 46.3188, 0.3114,
0.2179

■ 55.0791, 0.3120,
0.2420

■ 65.6847, 0.3125,
0.2673

■ 78.2354, 0.3127,
0.2930

■ 92.8237, 0.3127,
0.3181

Harmonies

Analogous

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



25.8848, 0.1641, 0.1116



25.8848, 0.3049, 0.1467



25.8848, 0.5067, 0.2120

Triad

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



25.8848, 0.3049, 0.1467



25.8848, 0.5074, 0.4926



25.8848, 0.0692, 0.2369

Complementary

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



25.8848, 0.3049, 0.1467



71.8271, 0.3017, 0.5957

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.



25.8848, 0.1171, 0.4693



25.8848, 0.3049, 0.1467



25.8848, 0.3634, 0.6366

Square

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



25.8848, 0.3049, 0.1467



25.8848, 0.6205, 0.3746



25.8848, 0.2255, 0.6858



25.8848, 0.0661, 0.1376

Rectangle

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



25.8848, 0.3049, 0.1467



25.8848, 0.6125, 0.2634



25.8848, 0.2255, 0.6858



25.8848, 0.0787, 0.2977

Sweetspot

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



25.8860, 0.3049, 0.1467



61.7060, 0.3123, 0.2583



8.2532, 0.1531, 0.0676



12.2406, 0.3122, 0.2474



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.



25.8860, 0.3049, 0.1467



25.4058, 0.3040, 0.1448



23.7994, 0.4604, 0.2333



18.2353, 0.3127, 0.3055



13.3013, 0.3043, 0.1450



1.3129, 0.3063, 0.1461

Inverse Universe

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



21.6717, 0.6258, 0.3257



21.3003, 0.6350, 0.3272



72.9315, 0.2774, 0.5155



18.0066, 0.3284, 0.3275



11.1371, 0.6333, 0.3262



1.0909, 0.6180, 0.3178

Previews

White Background



This preview shows how the Yxy color 25.8848, 0.3049, 0.1467 looks on a white background.

Color Contrast Check

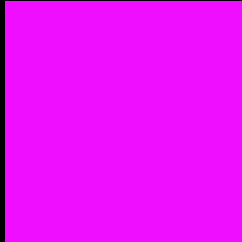
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8848, 0.3049, 0.1467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

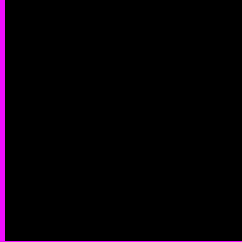
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8848, 0.3049, 0.1467

Background



This preview shows how black text looks on a background with the Yxy color 25.8848, 0.3049, 0.1467.



This preview shows how white text looks on a background with the Yxy color 25.8848, 0.3049, 0.1467.

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

25.8848, 0.3049, 0.1467

Protanopia

26.4061, 0.1937, 0.1710

Deuteranopia

26.3978, 0.1953, 0.1888



Tritanopia

25.8985, 0.4663, 0.3227

Trichromacy



Original Color

25.8848, 0.3049, 0.1467



Protanomaly

20.1085, 0.2151, 0.1350



Deuteranomaly

19.2890, 0.2138, 0.1406



Tritanomaly

23.3234, 0.4057, 0.2333

Monochromacy



Original Color

25.8848, 0.3049, 0.1467



Achromatopsia

15.2926, 0.3127, 0.3290



Achromatomaly

14.7087, 0.3104, 0.2007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8848, 0.3049, 0.1467 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(239, 14, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 14, 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(239, 14, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 14, 255) }
```

Border

The CSS property to change the border of an element to Yxy 25.8848, 0.3049, 0.1467 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(239, 14, 255) }
```

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

```
.border{ border-color:rgb(239, 14, 255) }
```

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

Here you see how a box with a 4 pixel rgb(239, 14, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 14, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 14, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 14,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8848, 0.3049, 0.1467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 14, 255) }
```

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

```
.background{ background-color: rgb(239, 14,  
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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