

Converting Colors

Yxy(27.5837, 0.3008, 0.1558)

Have a look what the booklet for
Yxy(27.5837, 0.3008, 0.1558)
contains.

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Color

Yxy(27.5744, 0.3008, 0.1557)

Conversions

Conversions Part 1

Format	Color
Hex	EA39FE
RGB	234, 57, 254
RGB Percent	92%, 22%, 100%
CMY	0.0825, 0.7761, 0.0040
CMYK	0.08, 0.78, 0.00, 0.00
HSL	294°, 99%, 61%
HSV	294°, 78%, 100%
XYZ	53.2715, 27.5744, 96.2536
YIQ	132.3810, 42.2550, 98.7910

Conversions

Conversions Part 2

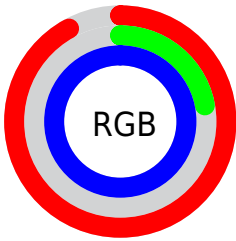
Format	Color
R _Y B	234, 57, 254
Decimal	15350270
CIE Lab	59.50, 86.80, -61.77
CIE LCh	60, 106.540, 324.564
Yxy	27.5744, 0.3008, 0.1557
Android (android.graphics.Color)	4293540350 (0xFFEA39FE)
YUV	132.3810, 59.9582, 89.1199
Hunter-Lab	52.5113, 89.1893, -71.9210

Details

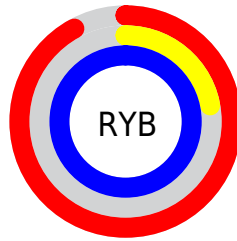
The Yxy color **27.5744, 0.3008, 0.1557** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **72.7413, 0.3070, 0.5690**, and the grayscale version is **23.0016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.6459, 0.3185, 0.2047**, and **12.9842, 0.2927, 0.1386** is the 20% darker color. If you saturate the color by 10%, you get **25.2236, 0.2982, 0.1461**, and if you desaturate by 10%, it is **31.1885, 0.3032, 0.1698**.

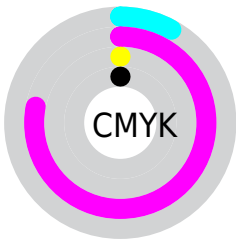
Distribution



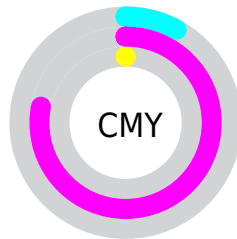
- Red (92%)
- Green (22%)
- Blue (100%)



- Red (92%)
- Yellow (22%)
- Blue (100%)



- Cyan (8%)
- Magenta (78%)
- Yellow (0%)
- Black (0%)




- Cyan (8%)
- Magenta (78%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5744, 0.3008, 0.1557 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 27.5744, 0.3008, 0.1557 by changing the saturation by 10% instead.


 27.5744, 0.3008,
0.1557


 27.5744, 0.3008,
0.1557


290.4276, 0.3118,
0.2325


 18.0051, 0.2969,
0.1398


 55.8042, 0.3058,
0.1812


 10.9536, 0.2914,
0.1211


 75.2335, 0.3074,
0.1915


 6.0357, 0.2833,
0.0993


 98.7183, 0.3086,
0.2005

 2.8668, 0.2712,
0.0741

 126.6429, 0.3096,
0.2084

 1.0626, 0.2523,
0.0463

 159.3917, 0.3103,
0.2155

 0.0000, 0.2261,
0.0000

197.3492, 0.3109,

 0.0000, 0.1725,

0.2217

0.0000

240.8997, 0.3114,
0.2274

■ 0.0000, 0.0000,
0.0000

■ 27.5744, 0.3008,
0.1557

■ 27.5744, 0.3008,
0.1557

■ 25.2236, 0.2982,
0.1461

■ 31.1885, 0.3032,
0.1698

■ 23.9166, 0.2956,
0.1408


■ 36.2269, 0.3055,
0.1880


■ 23.6751, 0.2950,
0.1399

■ 42.8308, 0.3074,
0.2096

■ 51.1233, 0.3091,
0.2337

■ 61.2150, 0.3105,
0.2591

 73.2076, 0.3115,
0.2850

 87.1946, 0.3123,
0.3105

99.8594, 0.3131,
0.3300

99.9337, 0.3133,
0.3300

Harmonies

Analogous

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



27.5744, 0.1705, 0.1224



27.5744, 0.3008, 0.1557



27.5744, 0.4840, 0.2184

Triad

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



27.5744, 0.3008, 0.1557



27.5744, 0.5102, 0.4898



27.5744, 0.0833, 0.2531

Complementary

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



27.5744, 0.3008, 0.1557



72.7413, 0.3070, 0.5690

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.



27.5744, 0.1357, 0.4660



27.5744, 0.3008, 0.1557



27.5744, 0.3766, 0.6145

Square

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



27.5744, 0.3008, 0.1557



27.5744, 0.6061, 0.3786



27.5744, 0.2445, 0.6524



27.5744, 0.0772, 0.1527

Rectangle

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



27.5744, 0.3008, 0.1557



27.5744, 0.5841, 0.2691



27.5744, 0.2445, 0.6524



27.5744, 0.0943, 0.3113

Sweetspot

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



27.5756, 0.3008, 0.1557



67.0053, 0.3110, 0.2708



13.7720, 0.1708, 0.1048



13.4407, 0.3106, 0.2614



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.



27.5756, 0.3008, 0.1557



24.6213, 0.2968, 0.1428



27.2343, 0.4111, 0.2221



18.2011, 0.3122, 0.3055



12.5230, 0.2954, 0.1401



1.2452, 0.2985, 0.1418

Inverse Universe

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



24.5370, 0.5622, 0.3159



21.8545, 0.6165, 0.3218



73.4173, 0.2778, 0.4935



18.0170, 0.3278, 0.3266



11.1573, 0.6286, 0.3236



1.0958, 0.6071, 0.3118

Previews

White Background



This preview shows how the Yxy color 27.5744, 0.3008, 0.1557 looks on a white background.

Color Contrast Check

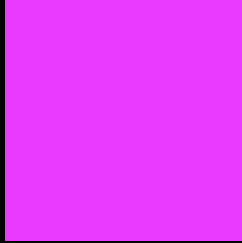
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5744, 0.3008, 0.1557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

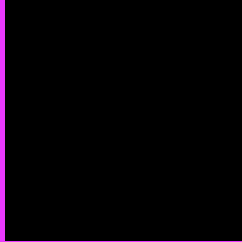
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5744, 0.3008, 0.1557

Background



This preview shows how black text looks on a background with the Yxy color 27.5744, 0.3008, 0.1557.



This preview shows how white text looks on a background with the Yxy color 27.5744, 0.3008, 0.1557.

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

27.5744, 0.3008, 0.1557

Protanopia

28.0024, 0.1988, 0.1775

Deuteranopia

27.8339, 0.2006, 0.1936



Tritanopia

27.2116, 0.4403, 0.3198

Trichromacy



Original Color

27.5744, 0.3008, 0.1557



Protanomaly

23.9473, 0.2211, 0.1537



Deuteranomaly

23.2287, 0.2209, 0.1599



Tritanomaly

25.9602, 0.3863, 0.2437

Monochromacy



Original Color

27.5744, 0.3008, 0.1557



Achromatopsia

23.0740, 0.3127, 0.3290



Achromatomaly

21.6728, 0.3091, 0.2290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5744, 0.3008, 0.1557 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(234, 57, 254)` looks like.

```
.text, #text, p{  
    color:rgb(234, 57, 254)  
}
```

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(234, 57, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 57, 254) }
```

Border

The CSS property to change the border of an element to Yxy 27.5744, 0.3008, 0.1557 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(234, 57, 254) }
```

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

```
.border{ border-color:rgb(234, 57, 254) }
```

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

Here you see how a box with a 4 pixel rgb(234, 57, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 57, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 57, 254);  
box-shadow:4px 4px 4px 4px rgb(234, 57,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5744, 0.3008, 0.1557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 57, 254) }
```

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

```
.background{ background-color: rgb(234, 57,  
254) }
```

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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