

Converting Colors

Yxy(25.4818, 0.2938, 0.1520)

Have a look what the booklet for
Yxy(25.4818, 0.2938, 0.1520)
contains.

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Color

Yxy(25.4184, 0.2935, 0.1520)

Conversions

Conversions Part 1

Format	Color
Hex	DF38FA
RGB	223, 56, 250
RGB Percent	87%, 22%, 98%
CMY	0.1257, 0.7798, 0.0198
CMYK	0.11, 0.78, 0.00, 0.02
HSL	292°, 95%, 60%
HSV	292°, 78%, 98%
XYZ	49.0809, 25.4184, 92.7270
YIQ	128.0490, 37.2580, 95.7380

Conversions

Conversions Part 2

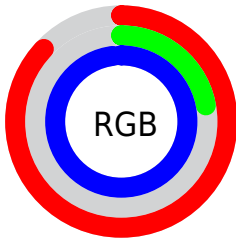
Format	Color
R _Y B	223, 56, 250
Decimal	14629114
CIE Lab	57.48, 84.41, -62.88
CIE LCh	57, 105.259, 323.315
Yxy	25.4184, 0.2935, 0.1520
Android (android.graphics.Color)	4292819194 (0xFFDF38FA)
YUV	128.0490, 60.1218, 83.2720
Hunter-Lab	50.4167, 85.5417, -73.7553

Details

The Yxy color **25.4184, 0.2935, 0.1520** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **70.4783, 0.3095, 0.5671**, and the grayscale version is **21.4037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1547, 0.3186, 0.2031**, and **11.5923, 0.2829, 0.1332** is the 20% darker color. If you saturate the color by 10%, you get **23.0175, 0.2898, 0.1417**, and if you desaturate by 10%, it is **29.0416, 0.2971, 0.1669**.

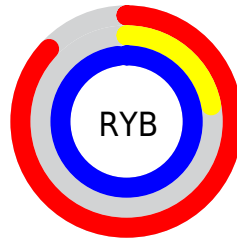
Distribution



Red (87%)

Green (22%)

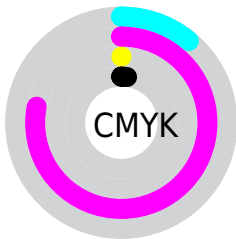
Blue (98%)



Red (87%)

Yellow (22%)

Blue (98%)

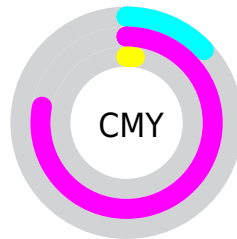


Cyan (11%)

Magenta (78%)

Yellow (0%)

Black (2%)



Cyan (13%)


Magenta (78%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4184, 0.2935, 0.1520 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 25.4184, 0.2935, 0.1520 by changing the saturation by 10% instead.


 25.4184, 0.2935,
0.1520


 25.4184, 0.2935,
0.1520


279.9152, 0.3084,
0.2311

 16.3891, 0.2885,
0.1355


 52.3352, 0.2999,
0.1784


 9.7999, 0.2817,
0.1162


 70.9914, 0.3021,
0.1890

 5.2665, 0.2718,
0.0937


 93.6254, 0.3038,
0.1982

 2.4044, 0.2572,
0.0680

 120.6215, 0.3051,
0.2064

 0.8282, 0.2347,
0.0400

 152.3641, 0.3062,
0.2136

 0.0000, 0.2020,
0.0000

189.2377, 0.3071,

 0.0000, 0.1432,

0.2201

0.0000

231.6266, 0.3078,
0.2259

■ 0.0000, 0.0000,
0.0000

■ 25.4184, 0.2935,
0.1520

■ 25.4184, 0.2935,
0.1520

■ 23.0175, 0.2898,
0.1417

■ 29.0416, 0.2971,
0.1669

■ 21.6271, 0.2862,
0.1357

■ 34.0422, 0.3004,
0.1859

■ 21.3635, 0.2853,
0.1345

■ 40.5558, 0.3035,
0.2082

■ 48.7008, 0.3062,
0.2328

■ 58.5838, 0.3084,
0.2587

70.3025, 0.3103,
0.2848

83.9470, 0.3118,
0.3104

98.8944, 0.3130,
0.3338

99.5469, 0.3152,
0.3338

Harmonies

Analogous

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



25.4184, 0.1650, 0.1199



25.4184, 0.2935, 0.1520



25.4184, 0.4786, 0.2140

Triad

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



25.4184, 0.2935, 0.1520



25.4184, 0.5158, 0.4842



25.4184, 0.0823, 0.2581

Complementary

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



25.4184, 0.2935, 0.1520



70.4783, 0.3095, 0.5671

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.



25.4184, 0.1368, 0.4789



25.4184, 0.2935, 0.1520



25.4184, 0.3821, 0.6138

Square

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



25.4184, 0.2935, 0.1520



25.4184, 0.6113, 0.3736



25.4184, 0.2477, 0.6604



25.4184, 0.0750, 0.1532

Rectangle

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



25.4184, 0.2935, 0.1520



25.4184, 0.5830, 0.2646



25.4184, 0.2477, 0.6604



25.4184, 0.0939, 0.3189

Sweetspot

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



25.4195, 0.2935, 0.1520



66.6001, 0.3093, 0.2705



14.2747, 0.1725, 0.1112



13.3409, 0.3086, 0.2610



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.



25.4195, 0.2935, 0.1520



23.1678, 0.2878, 0.1378



26.5405, 0.4018, 0.2164



17.3947, 0.3116, 0.3055



11.3838, 0.2859, 0.1349



1.0870, 0.2903, 0.1373

Inverse Universe

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



23.7851, 0.5524, 0.3099



21.9260, 0.6084, 0.3172



70.6445, 0.2803, 0.5021



17.2646, 0.3272, 0.3257



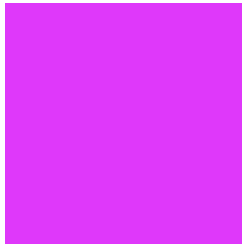
10.8564, 0.6218, 0.3199



1.0172, 0.5943, 0.3048

Previews

White Background



This preview shows how the Yxy color 25.4184, 0.2935, 0.1520 looks on a white background.

Color Contrast Check

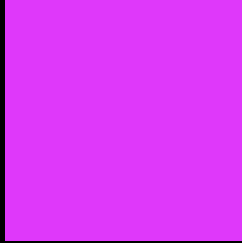
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4184, 0.2935, 0.1520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

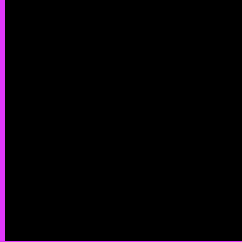
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4184, 0.2935, 0.1520

Background



This preview shows how black text looks on a background with the Yxy color 25.4184, 0.2935, 0.1520.



This preview shows how white text looks on a background with the Yxy color 25.4184, 0.2935, 0.1520.

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

25.4184, 0.2935, 0.1520

Protanopia

25.7260, 0.1920, 0.1680

Deuteranopia

25.9606, 0.1962, 0.1902



Tritanopia

25.1079, 0.4319, 0.3192

Trichromacy



Original Color

25.4184, 0.2935, 0.1520



Protanomaly

21.9891, 0.2129, 0.1473



Deuteranomaly

21.7002, 0.2148, 0.1573



Tritanomaly

23.8584, 0.3767, 0.2395

Monochromacy



Original Color

25.4184, 0.2935, 0.1520



Achromatopsia

21.5861, 0.3127, 0.3290



Achromatomaly

20.2678, 0.3065, 0.2275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4184, 0.2935, 0.1520 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(223, 56, 250)` looks like.

```
.text, #text, p{  
    color:rgb(223, 56, 250)  
}
```

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(223, 56, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 56, 250) }
```

Border

The CSS property to change the border of an element to Yxy 25.4184, 0.2935, 0.1520 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(223, 56, 250) }
```

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

```
.border{ border-color:rgb(223, 56, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 56, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 56, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 56, 250);  
box-shadow:4px 4px 4px 4px rgb(223, 56,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4184, 0.2935, 0.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 56, 250) }
```

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

```
.background{ background-color: rgb(223, 56,  
250) }
```

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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