

Converting Colors

Yxy(26.2449, 0.2888, 0.1514)

Have a look what the booklet for
Yxy(26.2449, 0.2888, 0.1514)
contains.

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Color

Yxy(26.3532, 0.2892, 0.1518)

Conversions

Conversions Part 1

Format	Color
Hex	DF3EFF
RGB	223, 62, 255
RGB Percent	87%, 24%, 100%
CMY	0.1254, 0.7569, 0.0000
CMYK	0.13, 0.76, 0.00, 0.00
HSL	290°, 100%, 62%
HSV	290°, 76%, 100%
XYZ	50.2065, 26.3532, 97.0451
YIQ	132.1410, 34.0030, 94.1550

Conversions

Conversions Part 2

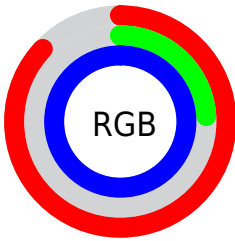
Format	Color
R _Y B	223, 62, 255
Decimal	14630655
CIE Lab	58.37, 83.62, -64.25
CIE LCh	58, 105.450, 322.464
Yxy	26.3532, 0.2892, 0.1518
Android (android.graphics.Color)	4292820735 (0xFFDF3EFF)
YUV	132.1410, 60.5695, 79.6833
Hunter-Lab	51.3354, 84.7379, -76.1478

Details

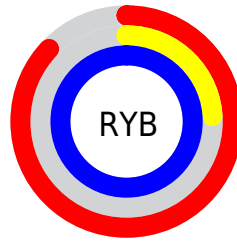
The Yxy color **26.3532, 0.2892, 0.1518** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **74.2438, 0.3120, 0.5616**, and the grayscale version is **22.8955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4017, 0.3184, 0.2070**, and **11.8177, 0.2774, 0.1302** is the 20% darker color. If you saturate the color by 10%, you get **23.5389, 0.2848, 0.1401**, and if you desaturate by 10%, it is **30.4857, 0.2935, 0.1680**.

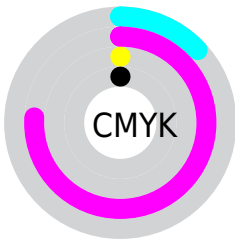
Distribution



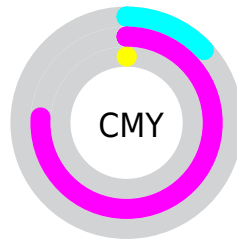
- Red (87%)
- Green (24%)
- Blue (100%)



- Red (87%)
- Yellow (24%)
- Blue (100%)



- Cyan (13%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3532, 0.2892, 0.1518 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 26.3532, 0.2892, 0.1518 by changing the saturation by 10% instead.


 26.3532, 0.2892,
0.1518


 26.3532, 0.2892,
0.1518


284.5116, 0.3062,
0.2305


 17.0881, 0.2838,
0.1355


 53.8442, 0.2963,
0.1779


 10.2973, 0.2765,
0.1165


 72.8388, 0.2987,
0.1885


 5.5965, 0.2661,
0.0943


 95.8454, 0.3007,
0.1977

 2.6013, 0.2510,
0.0690

 123.2484, 0.3022,
0.2058

 0.9273, 0.2283,
0.0415

 155.4321, 0.3035,
0.2131

 0.0000, 0.1963,
0.0000

192.7809, 0.3045,

 0.0000, 0.1397,

0.2195

0.0000

235.6793, 0.3054,
0.2253

■ 0.0000, 0.0000,
0.0000

■ 26.3532, 0.2892,
0.1518

■ 26.3532, 0.2892,
0.1518

■ 23.5389, 0.2848,
0.1401

■ 30.4857, 0.2935,
0.1680

■ 21.8401, 0.2804,
0.1329

■ 36.0942, 0.2976,
0.1883

■ 21.3276, 0.2785,
0.1308

■ 43.3174, 0.3014,
0.2116

■ 52.2772, 0.3047,
0.2369

■ 63.0838, 0.3075,
0.2632

75.8381, 0.3099,
0.2895

90.6336, 0.3118,
0.3150

99.9998, 0.3127,
0.3290

Harmonies

Analogous

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



26.3532, 0.1635, 0.1206



26.3532, 0.2892, 0.1518



26.3532, 0.4719, 0.2129

Triad

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



26.3532, 0.2892, 0.1518



26.3532, 0.5190, 0.4810



26.3532, 0.0845, 0.2637

Complementary

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



26.3532, 0.2892, 0.1518



74.2438, 0.3120, 0.5616

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.



26.3532, 0.1409, 0.4845



26.3532, 0.2892, 0.1518



26.3532, 0.3865, 0.6084

Square

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



26.3532, 0.2892, 0.1518



26.3532, 0.6112, 0.3718



26.3532, 0.2527, 0.6583



26.3532, 0.0760, 0.1563

Rectangle

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



26.3532, 0.2892, 0.1518



26.3532, 0.5772, 0.2633



26.3532, 0.2527, 0.6583



26.3532, 0.0967, 0.3252

Sweetspot

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



26.3543, 0.2892, 0.1518



66.3211, 0.3082, 0.2703



16.2771, 0.1758, 0.1190



13.2724, 0.3073, 0.2608



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.



26.3543, 0.2892, 0.1518



22.5135, 0.2824, 0.1358



28.4502, 0.3946, 0.2145



18.1391, 0.3111, 0.3054



11.2009, 0.2792, 0.1312



1.1293, 0.2842, 0.1340

Inverse Universe

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



25.5112, 0.5379, 0.3051



22.2121, 0.5960, 0.3123



74.0565, 0.2815, 0.5019



18.0362, 0.3268, 0.3251



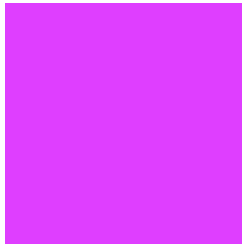
11.2114, 0.6164, 0.3169



1.1048, 0.5884, 0.3015

Previews

White Background



This preview shows how the Yxy color 26.3532, 0.2892, 0.1518 looks on a white background.

Color Contrast Check

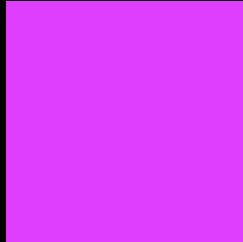
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3532, 0.2892, 0.1518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

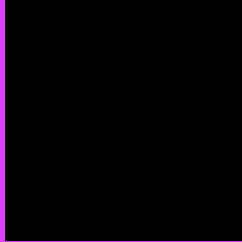
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3532, 0.2892, 0.1518

Background



This preview shows how black text looks on a background with the Yxy color 26.3532, 0.2892, 0.1518.



This preview shows how white text looks on a background with the Yxy color 26.3532, 0.2892, 0.1518.

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

26.3532, 0.2892, 0.1518

Protanopia

26.8168, 0.1951, 0.1727

Deuteranopia

26.7809, 0.1947, 0.1884



Tritanopia

25.9480, 0.4216, 0.3178

Trichromacy



Original Color

26.3532, 0.2892, 0.1518



Protanomaly

23.2774, 0.2155, 0.1514



Deuteranomaly

22.5906, 0.2125, 0.1570



Tritanomaly

24.9047, 0.3689, 0.2392

Monochromacy



Original Color

26.3532, 0.2892, 0.1518



Achromatopsia

23.0740, 0.3127, 0.3290



Achromatomaly

21.6890, 0.3033, 0.2291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3532, 0.2892, 0.1518 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, 62, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 62, 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(223, 62, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 62, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.3532, 0.2892, 0.1518 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, 62, 255) }
```

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

```
.border{ border-color:rgb(223, 62, 255) }
```

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

Here you see how a box with a 4 pixel rgb(223, 62, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 62, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 62, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 62,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3532, 0.2892, 0.1518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 62, 255) }
```

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

```
.background{ background-color: rgb(223, 62,  
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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