

Converting Colors

Yxy(24.2046, 0.2684, 0.1462)

Have a look what the booklet for
Yxy(24.2046, 0.2684, 0.1462)
contains.

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Color

Yxy(24.1440, 0.2683, 0.1459)

Conversions

Conversions Part 1

Format	Color
Hex	C947FF
RGB	201, 71, 255
RGB Percent	79%, 28%, 100%
CMY	0.2116, 0.7217, 0.0000
CMYK	0.21, 0.72, 0.00, 0.00
HSL	282°, 100%, 64%
HSV	282°, 72%, 100%
XYZ	44.3991, 24.1440, 96.9401
YIQ	130.8460, 18.4160, 84.7840

Conversions

Conversions Part 2

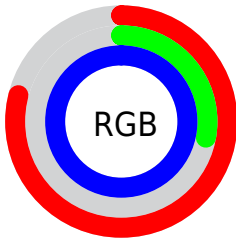
Format	Color
R_{YB}	201, 71, 255
Decimal	13191167
CIE _{Lab}	56.23, 76.61, -67.87
CIE _{LCh}	56, 102.348, 318.465
Y _{xy}	24.1440, 0.2683, 0.1459
Android (android.graphics.Color)	4291381247 (0xFFC947FF)
YUV	130.8460, 61.2079, 61.5251
Hunter-Lab	49.1365, 75.3013, -82.5759

Details

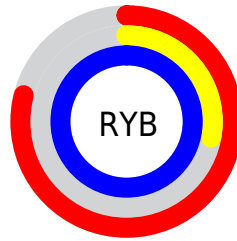
The Yxy color **24.1440, 0.2683, 0.1459** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **76.3287, 0.3239, 0.5453**, and the grayscale version is **22.4075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.4453, 0.3183, 0.2103**, and **9.7820, 0.2510, 0.1156** is the 20% darker color. If you saturate the color by 10%, you get **20.5432, 0.2602, 0.1299**, and if you desaturate by 10%, it is **29.1545, 0.2763, 0.1663**.

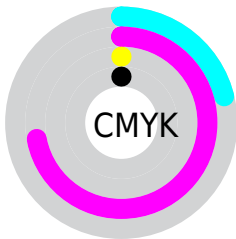
Distribution



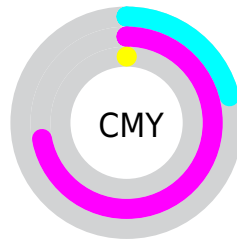
- Red (79%)
- Green (28%)
- Blue (100%)



- Red (79%)
- Yellow (28%)
- Blue (100%)



- Cyan (21%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)




- Cyan (21%)
- Magenta (72%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1440, 0.2683, 0.1459 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 24.1440, 0.2683, 0.1459 by changing the saturation by 10% instead.


 24.1440, 0.2683,
0.1459


 24.1440, 0.2683,
0.1459


273.5477, 0.2959,
0.2279


 15.4405, 0.2604,
0.1289


 50.2651, 0.2792,
0.1732

 9.1291, 0.2498,
0.1092


 68.4514, 0.2831,
0.1842


 4.8255, 0.2355,
0.0864


 90.5675, 0.2863,
0.1938

 2.1452, 0.2153,
0.0607

 116.9977, 0.2889,
0.2023

 0.6899, 0.1866,
0.0330

 148.1264, 0.2911,
0.2098

 0.0000, 0.1465,
0.0000

184.3381, 0.2929,


 0.0000, 0.0775,

0.2165


0.0000


226.0170, 0.2945,
0.2225


 0.0000, 0.0000,
0.0000


 24.1440, 0.2683,
0.1459


 24.1440, 0.2683,
0.1459


 20.5432, 0.2602,
0.1299


 29.1545, 0.2763,
0.1663


 18.1683, 0.2524,
0.1189

 35.7268, 0.2840,
0.1903


 16.9508, 0.2465,
0.1131

 43.9933, 0.2911,
0.2166

 54.0717, 0.2975,
0.2440

 66.0693, 0.3031,
0.2716

 80.0846, 0.3079,
0.2983

 96.2097, 0.3119,
0.3237

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



24.1440, 0.1520, 0.1188



24.1440, 0.2683, 0.1459



24.1440, 0.4469, 0.2035

Triad

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



24.1440, 0.2683, 0.1459



24.1440, 0.5350, 0.4650



24.1440, 0.0888, 0.2866

Complementary

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



24.1440, 0.2683, 0.1459



76.3287, 0.3239, 0.5453

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.



24.1440, 0.1533, 0.5177



24.1440, 0.2683, 0.1459



24.1440, 0.4060, 0.5940

Square

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



24.1440, 0.2683, 0.1459



24.1440, 0.6179, 0.3598



24.1440, 0.2698, 0.6623



24.1440, 0.0752, 0.1655

Rectangle

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



24.1440, 0.2683, 0.1459



24.1440, 0.5598, 0.2531



24.1440, 0.2698, 0.6623



24.1440, 0.1034, 0.3539

Sweetspot

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



24.1440, 0.2683, 0.1459



66.2934, 0.3032, 0.2720



23.5239, 0.1884, 0.1575



13.4493, 0.3018, 0.2646



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.



24.1440, 0.2683, 0.1459



19.2567, 0.2564, 0.1240



30.8335, 0.3590, 0.1971



18.0172, 0.3091, 0.3052



8.9378, 0.2477, 0.1138



0.9265, 0.2563, 0.1185

Inverse Universe

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



27.2402, 0.4886, 0.2821



23.2417, 0.5431, 0.2869



73.9359, 0.2907, 0.5236



18.0747, 0.3248, 0.3221



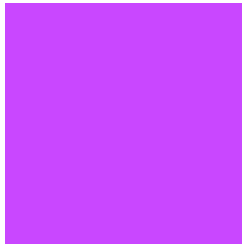
11.3951, 0.5792, 0.2965



1.1276, 0.5472, 0.2788

Previews

White Background



This preview shows how the Yxy color 24.1440, 0.2683, 0.1459 looks on a white background.

Color Contrast Check

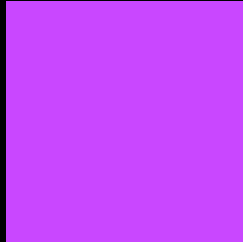
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1440, 0.2683, 0.1459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

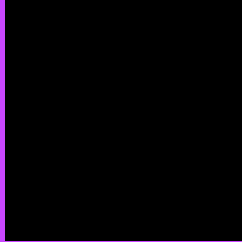
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1440, 0.2683, 0.1459

Background



This preview shows how black text looks on a background with the Yxy color 24.1440, 0.2683, 0.1459.



This preview shows how white text looks on a background with the Yxy color 24.1440, 0.2683, 0.1459.

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

24.1440, 0.2683, 0.1459

Protanopia

24.5426, 0.1877, 0.1629

Deuteranopia

24.4557, 0.1834, 0.1773



Tritanopia

23.7952, 0.3853, 0.3162

Trichromacy



Original Color

24.1440, 0.2683, 0.1459



Protanomaly

21.7347, 0.2039, 0.1455



Deuteranomaly

20.3195, 0.1910, 0.1483



Tritanomaly

22.7843, 0.3368, 0.2343

Monochromacy



Original Color

24.1440, 0.2683, 0.1459



Achromatopsia

22.6966, 0.3127, 0.3290



Achromatomaly

21.1398, 0.2940, 0.2301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1440, 0.2683, 0.1459 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(201, 71, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 71, 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(201, 71, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 71, 255) }
```

Border

The CSS property to change the border of an element to Yxy 24.1440, 0.2683, 0.1459 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(201, 71, 255) }
```

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

```
.border{ border-color:rgb(201, 71, 255) }
```

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

Here you see how a box with a 4 pixel rgb(201, 71, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 71, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 71, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 71,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1440, 0.2683, 0.1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 71, 255) }
```

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

```
.background{ background-color: rgb(201, 71,  
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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