

Converting Colors

$Yxy(44.4416, 0.2038, 0.2538)$

Have a look what the booklet for
Yxy(44.4416, 0.2038, 0.2538)
contains.

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Color

Yxy(44.4147, 0.2039, 0.2542)

Conversions

Conversions Part 1

Format	Color
Hex	00C0F7
RGB	0, 192, 247
RGB Percent	0%, 75%, 97%
CMY	1.0000, 0.2470, 0.0314
CMYK	1.00, 0.22, 0.00, 0.03
HSL	193°, 100%, 48%
HSV	193°, 100%, 97%
XYZ	35.6261, 44.4147, 94.6826
YIQ	140.8620, -132.0870, -23.5990

Conversions

Conversions Part 2

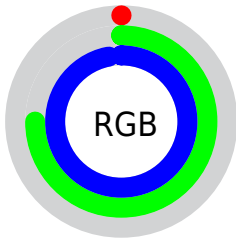
Format	Color
RYB	0, 108, 247
Decimal	49399
CIELab	72.50, -20.98, -38.30
CIELCh	73, 43.672, 241.289
Yxy	44.4147, 0.2039, 0.2542
Android (android.graphics.Color)	4278239479 (0xFF00C0F7)
YUV	140.8620, 52.3260, -123.5360
Hunter-Lab	66.6444, -21.2068, -37.5831

Details

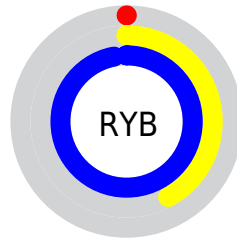
The Yxy color **44.4147, 0.2039, 0.2542** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **22.5020, 0.6161, 0.3490**, and the grayscale version is **26.4140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7995, 0.2403, 0.3206**, and **21.8947, 0.1993, 0.2373** is the 20% darker color. If you saturate the color by 10%, you get **44.4232, 0.2040, 0.2542**, and if you desaturate by 10%, it is **47.0858, 0.2076, 0.2624**.

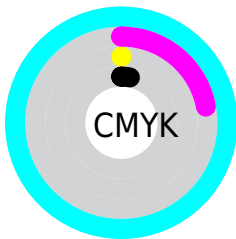
Distribution



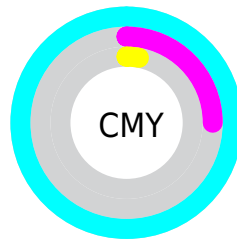
- Red (0%)
- Green (75%)
- Blue (97%)



- Red (0%)
- Yellow (42%)
- Blue (97%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (3%)




- Cyan (100%)
- Magenta (25%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4147, 0.2039, 0.2542 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 44.4147, 0.2039, 0.2542 by changing the saturation by 10% instead.

 44.4147, 0.2039,
0.2542


 44.4147, 0.2039,
0.2542

 364.3979, 0.2556,
0.2922


 30.9967, 0.1921,
0.2449


 81.8414, 0.2219,
0.2679

 20.5963, 0.1776,
0.2331


 106.6189, 0.2289,
0.2731


 12.8292, 0.1595,
0.2178


 135.9516, 0.2349,
0.2775

 7.3111, 0.1366,
0.1974

 170.2239, 0.2402,
0.2813

 3.6574, 0.1073,
0.1694

 209.8204, 0.2447,
0.2846

 1.4838, 0.0706,
0.1303

 255.1252, 0.2488,

 0.2773, 0.0000,

0.2874

0.0556

306.5229, 0.2524,
0.2899

■ 0.0000, 0.0000,
0.0000

■ 44.4147, 0.2039,
0.2542

■ 44.4147, 0.2039,
0.2542

■ 44.4232, 0.2040,
0.2542

■ 47.0858, 0.2076,
0.2624

■ 50.0966, 0.2130,
0.2706

■ 53.5363, 0.2204,
0.2789

■ 57.4536, 0.2297,
0.2872

■ 61.8898, 0.2408,
0.2952

■ 66.8809, 0.2535,
0.3029

■ 72.4592, 0.2673,
0.3102

■ 78.6545, 0.2820,
0.3170

■ 85.4940, 0.2972,
0.3233

Harmonies

Analogous

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



44.4147, 0.2085, 0.2987



44.4147, 0.2039, 0.2542



44.4147, 0.2241, 0.2340

Triad

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



44.4147, 0.2039, 0.2542



44.4147, 0.3888, 0.2956



44.4147, 0.3499, 0.4424

Complementary

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



44.4147, 0.2039, 0.2542



22.5020, 0.6161, 0.3490

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.



44.4147, 0.4032, 0.4275



44.4147, 0.2039, 0.2542



44.4147, 0.4293, 0.3414

Square

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



44.4147, 0.2039, 0.2542



44.4147, 0.3273, 0.2585



44.4147, 0.4337, 0.3886



44.4147, 0.2894, 0.4183

Rectangle

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



44.4147, 0.2039, 0.2542



44.4147, 0.2505, 0.2333



44.4147, 0.4337, 0.3886



44.4147, 0.3693, 0.4413

Sweetspot

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



44.4232, 0.2040, 0.2542



77.8783, 0.2672, 0.3102



66.7778, 0.2943, 0.5796



16.1103, 0.2613, 0.3072



0.0000, 0.0000, 0.0000



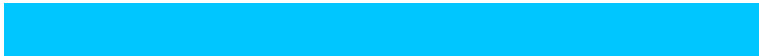
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.4232, 0.2040, 0.2542



47.7214, 0.2039, 0.2541



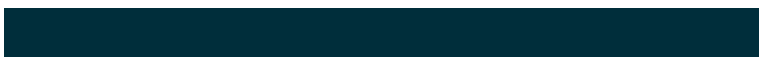
11.0928, 0.1592, 0.0931



18.0955, 0.2980, 0.3236



23.7171, 0.2043, 0.2556



2.2348, 0.2072, 0.2658

Inverse Universe

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



23.5792, 0.3881, 0.1911



25.3486, 0.3882, 0.1912



51.2208, 0.4814, 0.4560



16.7015, 0.3172, 0.3108



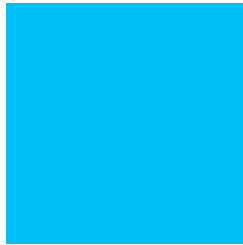
12.4936, 0.3867, 0.1904



1.1132, 0.3768, 0.1849

Previews

White Background



This preview shows how the Yxy color 44.4147, 0.2039, 0.2542 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 44.4147, 0.2039, 0.2542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

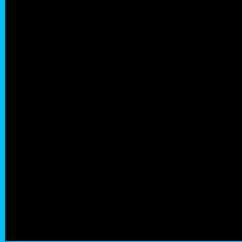
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4147, 0.2039, 0.2542

Background



This preview shows how black text looks on a background with the Yxy color 44.4147, 0.2039, 0.2542.



This preview shows how white text looks on a background with the Yxy color 44.4147, 0.2039, 0.2542.

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

44.4147, 0.2039, 0.2542

Protanopia

43.6862, 0.2585, 0.2538

Deuteranopia

44.0145, 0.2420, 0.2360



Tritanopia

44.1830, 0.2185, 0.3064

Trichromacy



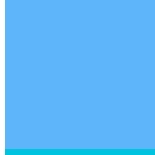
Original Color

44.4147, 0.2039, 0.2542



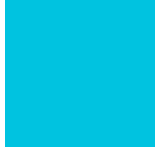
Protanomaly

42.1045, 0.2244, 0.2514



Deuteranomaly

42.3828, 0.2169, 0.2388



Tritanomaly

44.4120, 0.2131, 0.2870

Monochromacy



Original Color

44.4147, 0.2039, 0.2542



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

30.6106, 0.2420, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4147, 0.2039, 0.2542 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(0, 192, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 192, 247)  
}
```

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(0, 192, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 247) }
```

Border

The CSS property to change the border of an element to Yxy 44.4147, 0.2039, 0.2542 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(0, 192, 247) }
```

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

```
.border{ border-color:rgb(0, 192, 247) }
```

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

Here you see how a box with a 4 pixel rgb(0, 192, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4147, 0.2039, 0.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 192, 247) }
```

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

```
.background{ background-color: rgb(0, 192,  
247) }
```

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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