

Converting Colors

Yxy(67.3442, 0.2193, 0.3050)

Have a look what the booklet for
Yxy(67.3442, 0.2193, 0.3050)
contains.

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Color

Yxy(67.4305, 0.2194, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	1AECFF
RGB	26, 236, 255
RGB Percent	10%, 93%, 100%
CMY	0.8963, 0.0745, 0.0002
CMYK	0.90, 0.07, 0.00, 0.00
HSL	185°, 100%, 55%
HSV	185°, 90%, 100%
XYZ	48.4740, 67.4305, 105.0343
YIQ	175.3760, -131.2590, -38.6110

Conversions

Conversions Part 2

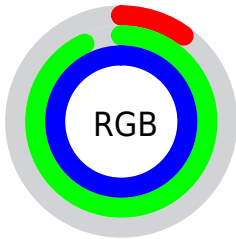
Format	Color
R _Y B	26, 136, 255
Decimal	1764607
CIE Lab	85.72, -38.97, -22.23
CIE LCh	86, 44.870, 209.705
Yxy	67.4305, 0.2194, 0.3052
Android (android.graphics.Color)	4279954687 (0xFF1AECFF)
YUV	175.3760, 39.2546, -131.0028
Hunter-Lab	82.1161, -38.3328, -18.3563

Details

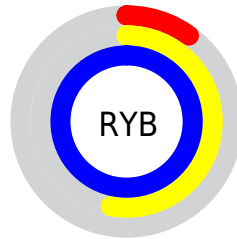
The Yxy color **67.4305, 0.2194, 0.3052** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **23.2369, 0.6153, 0.3374**, and the grayscale version is **42.9872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9510, 0.2457, 0.3288**, and **36.7197, 0.2167, 0.3001** is the 20% darker color. If you saturate the color by 10%, you get **66.0025, 0.2174, 0.3024**, and if you desaturate by 10%, it is **69.1614, 0.2230, 0.3081**.

Distribution



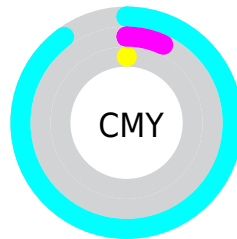
- Red (10%)
- Green (93%)
- Blue (100%)



- Red (10%)
- Yellow (53%)
- Blue (100%)



- Cyan (90%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)




- Cyan (90%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4305, 0.2194, 0.3052 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 67.4305, 0.2194, 0.3052 by changing the saturation by 10% instead.


 67.4305, 0.2194,
0.3052


 67.4305, 0.2194,
0.3052


451.4756, 0.2614,
0.3179

 49.4346, 0.2102,
0.3019


 115.5371, 0.2337,
0.3099


 34.9643, 0.1991,
0.2978


 146.4165, 0.2393,
0.3116

 23.6354, 0.1854,
0.2922


 182.3592, 0.2442,
0.3131

 15.0634, 0.1681,
0.2845

 223.7495, 0.2485,
0.3143

 8.8639, 0.1460,
0.2734

270.9719, 0.2523,
0.3154

 4.6525, 0.1171,
0.2564

324.4108, 0.2556,

 2.0449, 0.0786,

0.3163

0.2286

384.4506, 0.2587,
0.3172

■ 0.6333, 0.0000,
0.1796

■ 0.0000, 0.0000,
0.0000

■ 67.4305, 0.2194,
0.3052

■ 67.4305, 0.2194,
0.3052

■ 66.0025, 0.2174,
0.3024

■ 69.1614, 0.2230,
0.3081

■ 65.9518, 0.2173,
0.3023

■ 71.2689, 0.2285,
0.3109

■ 73.8069, 0.2359,
0.3138

■ 76.8189, 0.2453,
0.3167

■ 80.3427, 0.2564,
0.3194

■ 84.4124, 0.2690,
0.3221

■ 89.0588, 0.2830,
0.3246

■ 94.3108, 0.2978,
0.3269

■ 99.9975, 0.3127,
0.3290

Harmonies

Analogous

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



67.4305, 0.2480, 0.3607



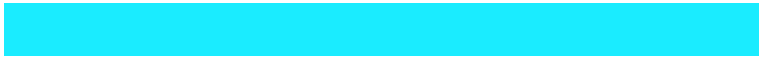
67.4305, 0.2194, 0.3052



67.4305, 0.2138, 0.2637

Triad

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



67.4305, 0.2194, 0.3052



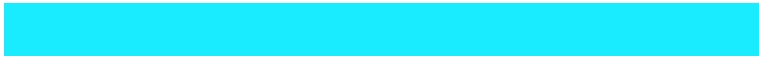
67.4305, 0.3231, 0.2637



67.4305, 0.3965, 0.4165

Complementary

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



67.4305, 0.2194, 0.3052



23.2369, 0.6153, 0.3374

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.



67.4305, 0.4219, 0.3816



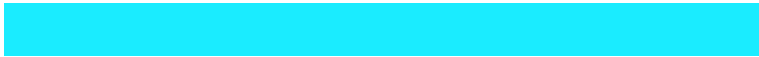
67.4305, 0.2194, 0.3052



67.4305, 0.3782, 0.2971

Square

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



67.4305, 0.2194, 0.3052



67.4305, 0.2695, 0.2445



67.4305, 0.4157, 0.3387



67.4305, 0.3497, 0.4300

Rectangle

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



67.4305, 0.2194, 0.3052



67.4305, 0.2229, 0.2479



67.4305, 0.4157, 0.3387



67.4305, 0.4080, 0.4065

Sweetspot

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



67.4330, 0.2194, 0.3052



85.6067, 0.2726, 0.3228



71.8856, 0.2985, 0.5864



18.0012, 0.2680, 0.3219



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.



67.4330, 0.2194, 0.3052



65.9746, 0.2173, 0.3023



22.2284, 0.1777, 0.1527



20.2083, 0.2980, 0.3270



34.5807, 0.2174, 0.3028



3.4400, 0.2183, 0.3060

Inverse Universe

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



28.0671, 0.3406, 0.1685



27.1913, 0.3434, 0.1665



45.0845, 0.5062, 0.4283



18.2728, 0.3151, 0.3075



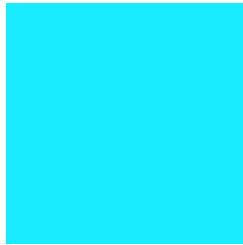
14.2189, 0.3430, 0.1663



1.3918, 0.3402, 0.1648

Previews

White Background



This preview shows how the Yxy color 67.4305, 0.2194, 0.3052 looks on a white background.

Color Contrast Check

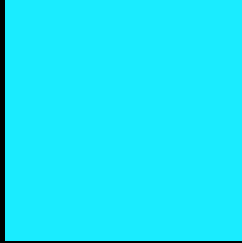
Large Text (above 18pt) WCAG AA × Fail

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 67.4305, 0.2194, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

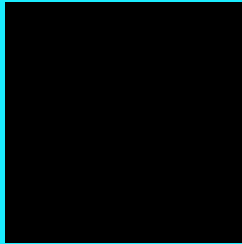
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.4305, 0.2194, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 67.4305, 0.2194, 0.3052.

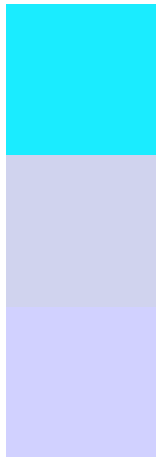


This preview shows how white text looks on a background with the Yxy color 67.4305, 0.2194, 0.3052.

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

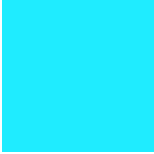
67.4305, 0.2194, 0.3052

Protanopia

66.1715, 0.2927, 0.2992

Deuteranopia

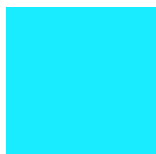
66.3762, 0.2828, 0.2796



Tritanopia

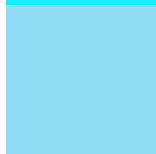
67.5022, 0.2198, 0.3052

Trichromacy



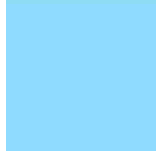
Original Color

67.4305, 0.2194, 0.3052



Protanomaly

63.4688, 0.2509, 0.3000



Deuteranomaly

63.7227, 0.2459, 0.2865



Tritanomaly

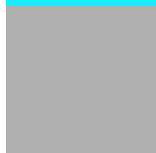
67.4721, 0.2196, 0.3052

Monochromacy



Original Color

67.4305, 0.2194, 0.3052



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

48.9335, 0.2560, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4305, 0.2194, 0.3052 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(26, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 236, 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(26, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 236, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.4305, 0.2194, 0.3052 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(26, 236, 255) }
```

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

```
.border{ border-color:rgb(26, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 236,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4305, 0.2194, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 236, 255) }
```

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

```
.background{ background-color: rgb(26, 236,  
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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