

Converting Colors

$Y_{xy}(60.5898, 0.2147, 0.2930)$

Have a look what the booklet for
Yxy(60.5898, 0.2147, 0.2930)
contains.

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Color

Yxy(60.3396, 0.2147, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	00E0FC
RGB	0, 224, 252
RGB Percent	0%, 88%, 99%
CMY	1.0000, 0.1216, 0.0116
CMYK	1.00, 0.11, 0.00, 0.01
HSL	187°, 100%, 49%
HSV	187°, 100%, 99%
XYZ	44.2298, 60.3396, 101.4381
YIQ	160.2160, -142.4920, -38.7800

Conversions

Conversions Part 2

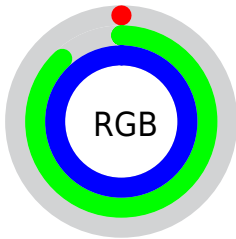
Format	Color
RYB	0, 119, 252
Decimal	57596
CIELab	82.02, -35.05, -26.33
CIELCh	82, 43.837, 216.915
Yxy	60.3396, 0.2147, 0.2929
Android (android.graphics.Color)	4278247676 (0xFF00E0FC)
YUV	160.2160, 45.2495, -140.5094
Hunter-Lab	77.6786, -34.3004, -23.0500

Details

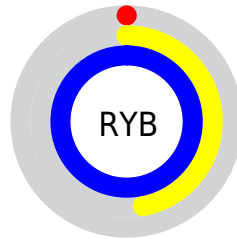
The Yxy color **60.3396, 0.2147, 0.2929** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **21.5340, 0.6327, 0.3358**, and the grayscale version is **35.0972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4530, 0.2433, 0.3288**, and **31.9454, 0.2123, 0.2844** is the 20% darker color. If you saturate the color by 10%, you get **60.3416, 0.2147, 0.2929**, and if you desaturate by 10%, it is **62.0704, 0.2170, 0.2967**.

Distribution



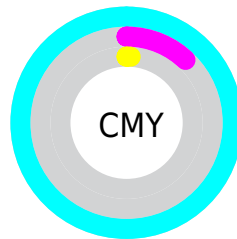
- Red (0%)
- Green (88%)
- Blue (99%)



- Red (0%)
- Yellow (47%)
- Blue (99%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)





- Cyan (100%)
- Magenta (12%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3396, 0.2147, 0.2929 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 60.3396, 0.2147, 0.2929 by changing the saturation by 10% instead.


 60.3396, 0.2147,
0.2929


 60.3396, 0.2147,
0.2929


425.8484, 0.2594,
0.3117


 43.6924, 0.2048,
0.2882


 105.3221, 0.2300,
0.2998

 30.4288, 0.1927,
0.2821


 134.4263, 0.2360,
0.3024


 20.1643, 0.1778,
0.2741


 168.4516, 0.2412,
0.3045

 12.5145, 0.1591,
0.2632

 207.7823, 0.2458,
0.3064

 7.0951, 0.1349,
0.2477

 252.8030, 0.2498,
0.3080

 3.5216, 0.1035,
0.2242

303.8980, 0.2534,

 1.4098, 0.0547,

0.3094

0.1885

361.4516, 0.2566,
0.3106

■ 0.2239, 0.0000,
0.0800

■ 0.0000, 0.0000,
0.0000

■ 60.3396, 0.2147,
0.2929

■ 60.3396, 0.2147,
0.2929

■ 60.3416, 0.2147,
0.2929

■ 62.0704, 0.2170,
0.2967

■ 64.0940, 0.2209,
0.3006

■ 66.4956, 0.2267,
0.3045

■ 69.3256, 0.2345,
0.3085

■ 72.6265, 0.2441,
0.3123

■ 76.4354, 0.2555,
0.3161

■ 80.7856, 0.2683,
0.3196

■ 85.7072, 0.2823,
0.3230

■ 91.2283, 0.2972,
0.3261

Harmonies

Analogous

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



60.3396, 0.2382, 0.3472



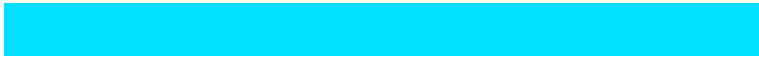
60.3396, 0.2147, 0.2929



60.3396, 0.2147, 0.2559

Triad

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



60.3396, 0.2147, 0.2929



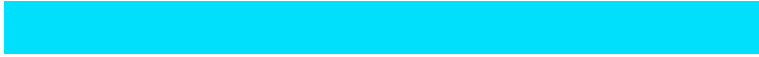
60.3396, 0.3372, 0.2699



60.3396, 0.3877, 0.4235

Complementary

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



60.3396, 0.2147, 0.2929



21.5340, 0.6327, 0.3358

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.



60.3396, 0.4198, 0.3919



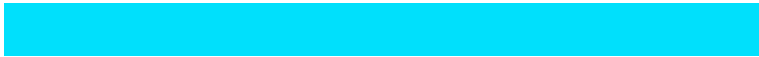
60.3396, 0.2147, 0.2929



60.3396, 0.3906, 0.3062

Square

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



60.3396, 0.2147, 0.2929



60.3396, 0.2809, 0.2466



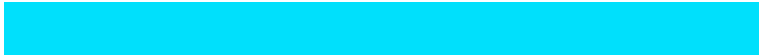
60.3396, 0.4218, 0.3494



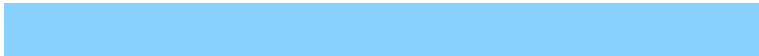
60.3396, 0.3369, 0.4300

Rectangle

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



60.3396, 0.2147, 0.2929



60.3396, 0.2275, 0.2435



60.3396, 0.4218, 0.3494



60.3396, 0.4011, 0.4150

Sweetspot

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



60.3418, 0.2147, 0.2929



82.9547, 0.2683, 0.3196



69.7133, 0.2985, 0.5945



17.3375, 0.2627, 0.3181



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.



60.3418, 0.2147, 0.2929



61.9592, 0.2147, 0.2929



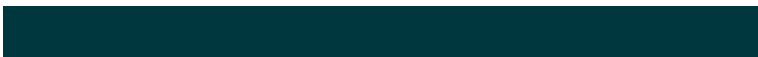
16.3019, 0.1675, 0.1229



19.2594, 0.2980, 0.3263



31.5596, 0.2149, 0.2936



3.0141, 0.2162, 0.2982

Inverse Universe

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



26.0837, 0.3517, 0.1711



26.7860, 0.3517, 0.1711



42.9063, 0.5139, 0.4302



17.4894, 0.3155, 0.3082



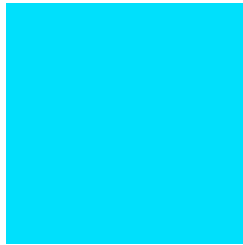
13.5969, 0.3511, 0.1708



1.2685, 0.3470, 0.1685

Previews

White Background



This preview shows how the Yxy color 60.3396, 0.2147, 0.2929 looks on a white background.

Color Contrast Check

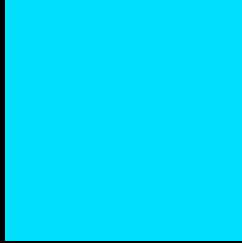
Large Text (above 18pt) WCAG AA × Fail

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 60.3396, 0.2147, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

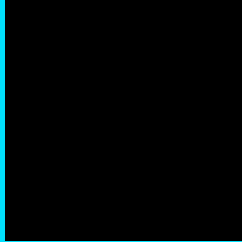
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3396, 0.2147, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 60.3396, 0.2147, 0.2929.

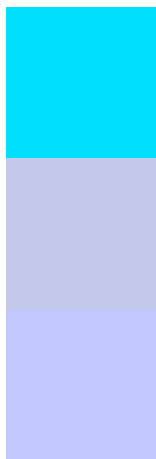


This preview shows how white text looks on a background with the Yxy color 60.3396, 0.2147, 0.2929.

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

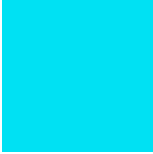
60.3396, 0.2147, 0.2929

Protanopia

59.5652, 0.2852, 0.2890

Deuteranopia

59.4043, 0.2714, 0.2667



Tritanopia

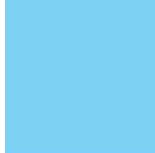
60.3215, 0.2181, 0.3053

Trichromacy



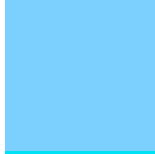
Original Color

60.3396, 0.2147, 0.2929



Protanomaly

56.3717, 0.2412, 0.2875



Deuteranomaly

56.4785, 0.2346, 0.2726



Tritanomaly

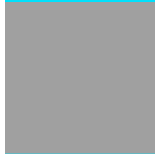
60.5042, 0.2171, 0.3016

Monochromacy



Original Color

60.3396, 0.2147, 0.2929



Achromatopsia

35.1533, 0.3127, 0.3290



Achromatomaly

40.5420, 0.2480, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3396, 0.2147, 0.2929 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, 224, 252)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 252)  
}
```

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, 224, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 252) }
```

Border

The CSS property to change the border of an element to Yxy 60.3396, 0.2147, 0.2929 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, 224, 252) }
```

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

```
.border{ border-color:rgb(0, 224, 252) }
```

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

Here you see how a box with a 4 pixel rgb(0, 224, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 252);  
box-shadow:4px 4px 4px 4px rgb(0, 224,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3396, 0.2147, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 252) }
```

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

```
.background{ background-color: rgb(0, 224,  
252) }
```

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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