

Converting Colors

$Y_{xy}(61.1479, 0.2149, 0.2936)$

Have a look what the booklet for
Yxy(61.1479, 0.2149, 0.2936)
contains.

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Color

Yxy(60.9423, 0.2148, 0.2931)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 01E1FD |
| RGB | 1, 225, 253 |
| RGB Percent | 0%, 88%, 99% |
| CMY | 0.9955, 0.1177, 0.0079 |
| CMYK | 1.00, 0.11, 0.00, 0.01 |
| HSL | 187°, 99%, 50% |
| HSV | 187°, 100%, 99% |
| XYZ | 44.6619, 60.9423, 102.3190 |
| YIQ | 161.2160, -142.4920, -38.7800 |

Conversions

Conversions Part 2

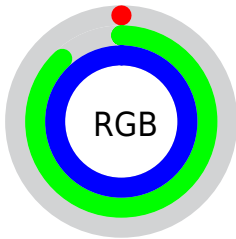
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 1, 120, 253 |
| Decimal | 123389 |
| CIELab | 82.35, -35.19, -26.33 |
| CIELCh | 82, 43.954, 216.805 |
| Yxy | 60.9423, 0.2148, 0.2931 |
| Android (android.graphics.Color) | 4278313469 (0xFF01E1FD) |
| YUV | 161.2160, 45.2495, -140.5094 |
| Hunter-Lab | 78.0655, -34.4935, -23.0644 |

Details

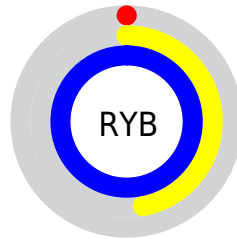
The Yxy color **60.9423, 0.2148, 0.2931** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **21.7662, 0.6320, 0.3359**, and the grayscale version is **35.5988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5219, 0.2436, 0.3288**, and **32.3615, 0.2124, 0.2846** is the 20% darker color. If you saturate the color by 10%, you get **60.8686, 0.2147, 0.2929**, and if you desaturate by 10%, it is **62.6951, 0.2172, 0.2969**.

Distribution



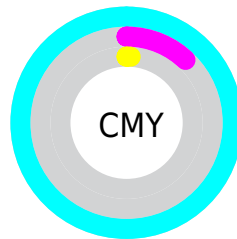
- Red (0%)
- Green (88%)
- Blue (99%)



- 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 60.9423, 0.2148, 0.2931 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 60.9423, 0.2148, 0.2931 by changing the saturation by 10% instead.


 60.9423, 0.2148,
0.2931

 60.9423, 0.2148,
0.2931


 428.0624, 0.2594,
0.3117

 44.1786, 0.2049,
0.2884

 106.1954, 0.2300,
0.2999


 30.8109, 0.1929,
0.2824


 135.4536, 0.2360,
0.3025

 20.4549, 0.1781,
0.2745


 169.6454, 0.2412,
0.3046

 12.7262, 0.1595,
0.2637

 209.1552, 0.2458,
0.3065

 7.2403, 0.1355,
0.2483

 254.3674, 0.2498,
0.3081

 3.6128, 0.1044,
0.2252

 305.6664, 0.2534,

 1.4594, 0.0572,

0.3094

0.1898

363.4366, 0.2565,
0.3107

■ 0.2599, 0.0000,
0.0893

■ 0.0000, 0.0000,
0.0000

■ 60.9423, 0.2148,
0.2931

■ 60.9423, 0.2148,
0.2931

■ 60.8686, 0.2147,
0.2929

■ 62.6951, 0.2172,
0.2969

■ 64.7504, 0.2211,
0.3008

■ 67.1895, 0.2270,
0.3047

■ 70.0629, 0.2348,
0.3087

■ 73.4130, 0.2446,
0.3125

■ 77.2772, 0.2560,
0.3162

■ 81.6888, 0.2689,
0.3198

■ 86.6782, 0.2830,
0.3232

■ 92.2737, 0.2979,
0.3263

Harmonies

Analogous

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



60.9423, 0.2384, 0.3474



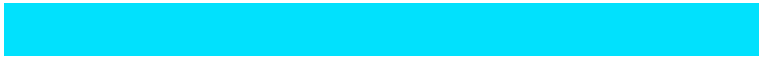
60.9423, 0.2148, 0.2931



60.9423, 0.2147, 0.2560

Triad

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



60.9423, 0.2148, 0.2931



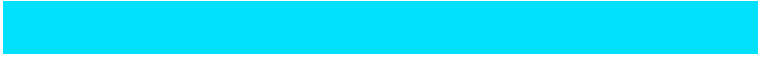
60.9423, 0.3370, 0.2698



60.9423, 0.3878, 0.4234

Complementary

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



60.9423, 0.2148, 0.2931



21.7662, 0.6320, 0.3359

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.



60.9423, 0.4198, 0.3917



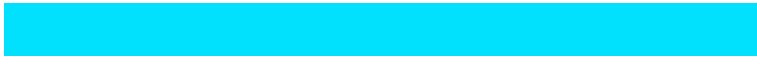
60.9423, 0.2148, 0.2931



60.9423, 0.3904, 0.3061

Square

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



60.9423, 0.2148, 0.2931



60.9423, 0.2808, 0.2465



60.9423, 0.4216, 0.3492



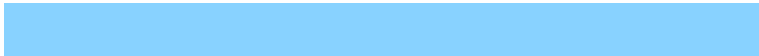
60.9423, 0.3371, 0.4299

Rectangle

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



60.9423, 0.2148, 0.2931



60.9423, 0.2275, 0.2435



60.9423, 0.4216, 0.3492



60.9423, 0.4012, 0.4149

Sweetspot

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



60.9445, 0.2148, 0.2931



82.9596, 0.2683, 0.3196



70.3208, 0.2985, 0.5942



17.3387, 0.2627, 0.3182



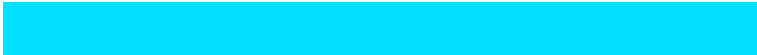
0.0000, 0.0000, 0.0000



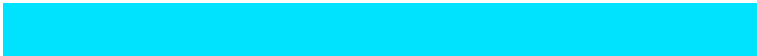
21.4041, 0.3127, 0.3290

Same Dimension

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



60.9445, 0.2148, 0.2931



61.9737, 0.2147, 0.2929



16.5763, 0.1678, 0.1237



20.1163, 0.2980, 0.3263



32.5209, 0.2149, 0.2936



3.2606, 0.2161, 0.2979

Inverse Universe

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



26.3394, 0.3515, 0.1711



26.7874, 0.3517, 0.1711



43.4169, 0.5133, 0.4304



18.2635, 0.3155, 0.3081



14.0110, 0.3511, 0.1708



1.3737, 0.3472, 0.1686

Previews

White Background



This preview shows how the Yxy color 60.9423, 0.2148, 0.2931 looks on a white background.

Color Contrast Check

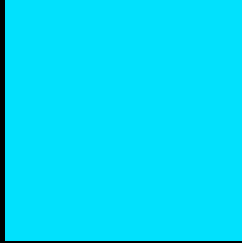
Large Text (above 18pt) WCAG AA × Fail

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 60.9423, 0.2148, 0.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

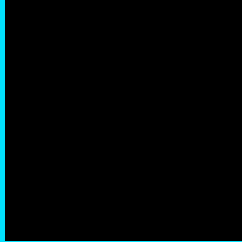
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9423, 0.2148, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 60.9423, 0.2148, 0.2931.

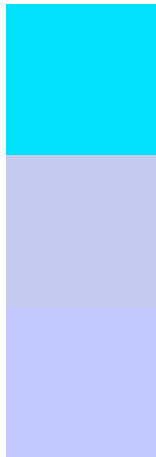


This preview shows how white text looks on a background with the Yxy color 60.9423, 0.2148, 0.2931.

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

60.9487, 0.2148, 0.2931

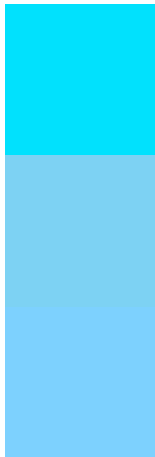
Protanopia

59.6235, 0.2846, 0.2879

Deuteranopia

60.1307, 0.2729, 0.2680

Trichromacy



Original Color

60.9487, 0.2148, 0.2931

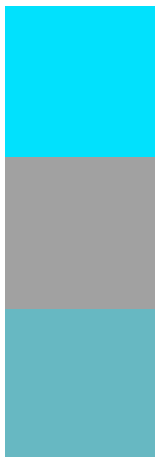
Protanomaly

56.9242, 0.2410, 0.2877

Deuteranomaly

57.1167, 0.2358, 0.2740

Monochromacy



Original Color

60.9487, 0.2148, 0.2931

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

41.0596, 0.2483, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9423, 0.2148, 0.2931 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(1, 225, 253)` looks like.

```
.text, #text, p{  
    color:rgb(1, 225, 253)  
}
```

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(1, 225, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 225, 253) }
```

Border

The CSS property to change the border of an element to Yxy 60.9423, 0.2148, 0.2931 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(1, 225, 253) }
```

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

```
.border{ border-color:rgb(1, 225, 253) }
```

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

Here you see how a box with a 4 pixel rgb(1, 225, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 225, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 225, 253);  
box-shadow:4px 4px 4px 4px rgb(1, 225,  
253) }
```

Background

The CSS property to change the background color of an element to Yxy 60.9423, 0.2148, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 225, 253) }
```

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

```
.background{ background-color: rgb(1, 225,  
253) }
```

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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