

Converting Colors

$Yxy(35.5667, 0.1932, 0.2154)$

Have a look what the booklet for
Yxy(35.5667, 0.1932, 0.2154)
contains.

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Color

Yxy(35.4107, 0.1932, 0.2153)

Conversions

Conversions Part 1

Format	Color
Hex	01A9FC
RGB	1, 169, 252
RGB Percent	0%, 66%, 99%
CMY	0.9957, 0.3373, 0.0116
CMYK	1.00, 0.33, 0.00, 0.01
HSL	200°, 99%, 50%
HSV	200°, 100%, 99%
XYZ	31.7759, 35.4107, 97.2849
YIQ	128.2300, -126.7710, -9.8030

Conversions

Conversions Part 2

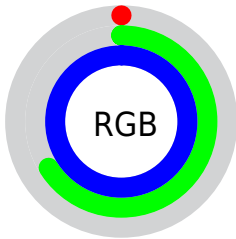
Format	Color
R _Y B	1, 102, 252
Decimal	109052
CIE Lab	66.07, -6.72, -51.14
CIE LCh	66, 51.575, 262.517
Yxy	35.4107, 0.1932, 0.2153
Android (android.graphics.Color)	4278299132 (0xFF01A9FC)
YUV	128.2300, 61.0186, -111.5807
Hunter-Lab	59.5069, -8.8205, -55.2754

Details

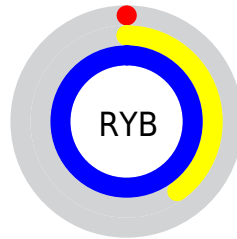
The Yxy color **35.4107, 0.1932, 0.2153** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **27.0670, 0.5907, 0.3688**, and the grayscale version is **21.4990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9761, 0.2340, 0.2913**, and **16.6627, 0.1866, 0.1918** is the 20% darker color. If you saturate the color by 10%, you get **35.2696, 0.1930, 0.2148**, and if you desaturate by 10%, it is **38.8313, 0.1983, 0.2278**.

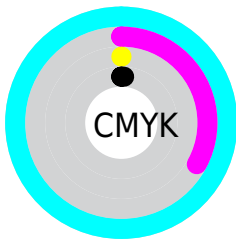
Distribution



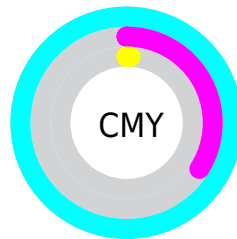
- Red (0%)
- Green (66%)
- Blue (99%)



- Red (0%)
- Yellow (40%)
- Blue (99%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (1%)





- Cyan (100%)
- Magenta (34%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4107, 0.1932, 0.2153 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 35.4107, 0.1932, 0.2153 by changing the saturation by 10% instead.


 35.4107, 0.1932,
0.2153


 35.4107, 0.1932,
0.2153


326.3774, 0.2514,
0.2718


 23.9794, 0.1797,
0.2019


 68.1215, 0.2136,
0.2354

 15.3184, 0.1632,
0.1854


 90.1698, 0.2215,
0.2431

 9.0431, 0.1427,
0.1645


 116.5260, 0.2283,
0.2497

 4.7693, 0.1171,
0.1380

 147.5743, 0.2342,
0.2553

 2.1126, 0.0854,
0.1043

 183.6992, 0.2393,
0.2602

 0.6717, 0.0439,
0.0622

225.2851, 0.2438,

 0.0000, 0.0000,

0.2646

0.0000

272.7164, 0.2478,
0.2684

■ 35.4107, 0.1932,
0.2153

■ 35.4107, 0.1932,
0.2153

■ 35.2696, 0.1930,
0.2148

■ 38.8313, 0.1983,
0.2278

■ 42.7291, 0.2052,
0.2405

■ 47.1873, 0.2143,
0.2534

■ 52.2591, 0.2253,
0.2661

■ 57.9900, 0.2380,
0.2784

■ 64.4198, 0.2520,
0.2902

■ 71.5848, 0.2669,
0.3013

■ 79.5181, 0.2823,
0.3115

■ 88.2505, 0.2979,
0.3209

Harmonies

Analogous

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



35.4107, 0.1775, 0.2468



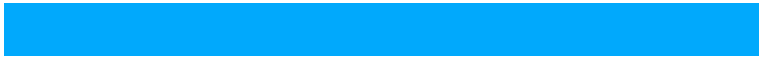
35.4107, 0.1932, 0.2153



35.4107, 0.2371, 0.2119

Triad

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



35.4107, 0.1932, 0.2153



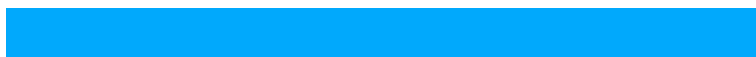
35.4107, 0.4505, 0.3245



35.4107, 0.3028, 0.4607

Complementary

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



35.4107, 0.1932, 0.2153



27.0670, 0.5907, 0.3688

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.



35.4107, 0.3778, 0.4722



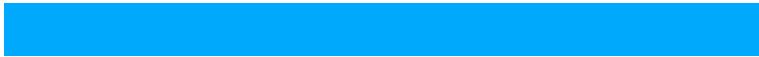
35.4107, 0.1932, 0.2153



35.4107, 0.4686, 0.3820

Square

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



35.4107, 0.1932, 0.2153



35.4107, 0.3876, 0.2720



35.4107, 0.4393, 0.4368



35.4107, 0.2346, 0.3943

Rectangle

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



35.4107, 0.1932, 0.2153



35.4107, 0.2810, 0.2230



35.4107, 0.4393, 0.4368



35.4107, 0.3281, 0.4712

Sweetspot

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



35.4118, 0.1932, 0.2153



73.1623, 0.2662, 0.3008



70.2381, 0.2884, 0.5580



14.9783, 0.2598, 0.2962



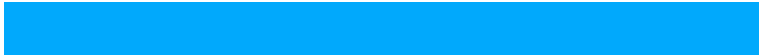
0.0000, 0.0000, 0.0000



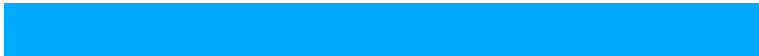
21.4041, 0.3127, 0.3290

Same Dimension

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



35.4118, 0.1932, 0.2153



36.2004, 0.1930, 0.2147



9.0790, 0.1543, 0.0753



18.5839, 0.2980, 0.3210



18.6481, 0.1936, 0.2169



1.9213, 0.1977, 0.2318

Inverse Universe

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



23.5904, 0.4283, 0.2135



24.1856, 0.4290, 0.2137



64.8621, 0.4564, 0.4756



17.4212, 0.3189, 0.3133



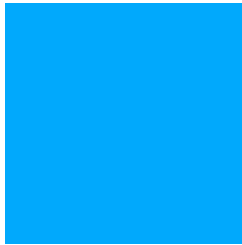
12.2934, 0.4266, 0.2124



1.1582, 0.4107, 0.2036

Previews

White Background



This preview shows how the Yxy color 35.4107, 0.1932, 0.2153 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 35.4107, 0.1932, 0.2153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

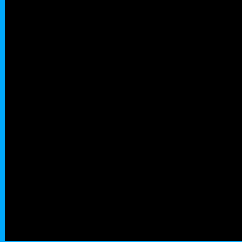
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

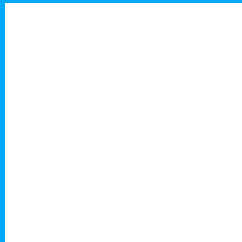
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.4107, 0.1932, 0.2153

Background



This preview shows how black text looks on a background with the Yxy color 35.4107, 0.1932, 0.2153.

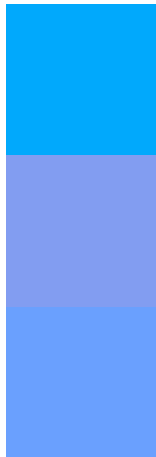


This preview shows how white text looks on a background with the Yxy color 35.4107, 0.1932, 0.2153.

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

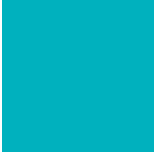
35.4107, 0.1932, 0.2153

Protanopia

35.2106, 0.2315, 0.2195

Deuteranopia

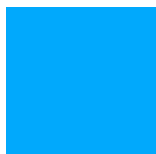
35.3615, 0.2136, 0.2075



Tritanopia

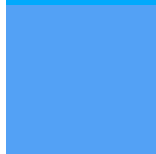
35.1620, 0.2187, 0.3075

Trichromacy



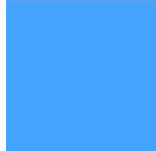
Original Color

35.4107, 0.1932, 0.2153



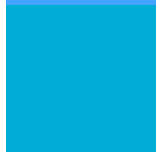
Protanomaly

33.9213, 0.2077, 0.2148



Deuteranomaly

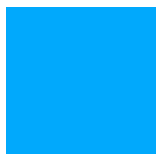
34.5152, 0.2006, 0.2085



Tritanomaly

35.0762, 0.2080, 0.2688

Monochromacy



Original Color

35.4107, 0.1932, 0.2153



Achromatopsia

21.5861, 0.3127, 0.3290



Achromatomaly

24.4559, 0.2356, 0.2765

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4107, 0.1932, 0.2153 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, 169, 252)` looks like.

```
.text, #text, p{  
  color:rgb(1, 169, 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(1, 169, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 169, 252) }
```

Border

The CSS property to change the border of an element to Yxy 35.4107, 0.1932, 0.2153 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, 169, 252) }
```

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

```
.border{ border-color:rgb(1, 169, 252) }
```

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

Here you see how a box with a 4 pixel rgb(1, 169, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 169, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 169, 252);  
box-shadow:4px 4px 4px 4px rgb(1, 169,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4107, 0.1932, 0.2153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 169, 252) }
```

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

```
.background{ background-color: rgb(1, 169,  
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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