

Converting Colors

$Yxy(17.6848, 0.0892, 0.1547)$

Have a look what the booklet for
Yxy(17.6848, 0.0892, 0.1547)
contains.

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Color

Yxy(25.6969, 0.1850, 0.1861)

Conversions

Conversions Part 1

Format	Color
Hex	008EF1
RGB	0, 142, 241
RGB Percent	0%, 56%, 95%
CMY	1.0000, 0.4431, 0.0549
CMYK	1.00, 0.41, 0.00, 0.05
HSL	205°, 100%, 47%
HSV	205°, 100%, 95%
XYZ	25.5450, 25.6969, 86.8392
YIQ	110.8280, -116.4110, 0.6850

Conversions

Conversions Part 2

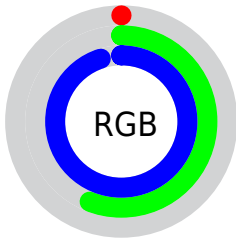
Format	Color
R _Y B	0, 89, 241
Decimal	36593
CIE Lab	57.75, 4.79, -58.32
CIE LCh	58, 58.518, 274.695
Yxy	25.6969, 0.1850, 0.1861
Android (android.graphics.Color)	4278226673 (0xFF008EF1)
YUV	110.8280, 64.1748, -97.1962
Hunter-Lab	50.6921, 1.2394, -66.0836

Details

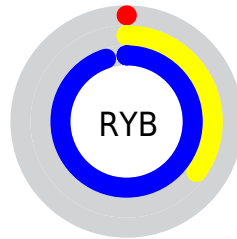
The Yxy color **25.6969, 0.1850, 0.1861** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark saturated azure. A complement of this color would be **27.6252, 0.5694, 0.3861**, and the grayscale version is **15.6831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.4384, 0.2243, 0.2535**, and **11.2894, 0.1777, 0.1596** is the 20% darker color. If you saturate the color by 10%, you get **25.7015, 0.1850, 0.1861**, and if you desaturate by 10%, it is **28.9752, 0.1910, 0.2015**.

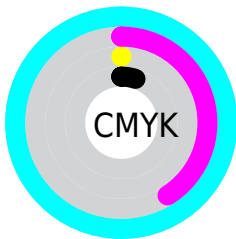
Distribution



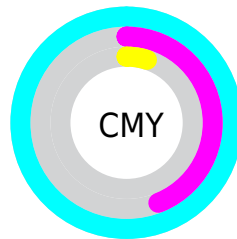
- Red (0%)
- Green (56%)
- Blue (95%)



- Red (0%)
- Yellow (35%)
- Blue (95%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (5%)




- Cyan (100%)
- Magenta (44%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6969, 0.1850, 0.1861 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 25.6969, 0.1850, 0.1861 by changing the saturation by 10% instead.


 25.6969, 0.1850,
0.1861


 25.6969, 0.1850,
0.1861


281.2910, 0.2498,
0.2576


 16.5970, 0.1695,
0.1693


 52.7856, 0.2082,
0.2115


 9.9476, 0.1504,
0.1488


 71.5431, 0.2171,
0.2212


 5.3642, 0.1266,
0.1235

 94.2888, 0.2246,
0.2296

 2.4625, 0.0971,
0.0927

 121.4068, 0.2311,
0.2367

 0.8578, 0.0619,
0.0568

 153.2816, 0.2367,
0.2430

 0.0000, 0.0000,
0.0000

190.2977, 0.2416,

0.2484

232.8393, 0.2460,
0.2533

■ 25.6969, 0.1850,
0.1861

■ 25.6969, 0.1850,
0.1861

■ 25.7015, 0.1850,
0.1861

■ 28.9752, 0.1910,
0.2015

■ 32.7595, 0.1990,
0.2173

■ 37.1365, 0.2092,
0.2335

■ 42.1573, 0.2213,
0.2495

■ 47.8657, 0.2351,
0.2651

■ 54.3005, 0.2499,
0.2800

■ 61.4969, 0.2655,
0.2939

■ 69.4874, 0.2814,
0.3068

■ 78.3022, 0.2972,
0.3185

Harmonies

Analogous

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



25.6969, 0.1537, 0.2068



25.6969, 0.1850, 0.1861



25.6969, 0.2497, 0.1948

Triad

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



25.6969, 0.1850, 0.1861



25.6969, 0.5022, 0.3462



25.6969, 0.2603, 0.4728

Complementary

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



25.6969, 0.1850, 0.1861



27.6252, 0.5694, 0.3861

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.



25.6969, 0.3509, 0.5146



25.6969, 0.1850, 0.1861



25.6969, 0.4951, 0.4150

Square

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



25.6969, 0.1850, 0.1861



25.6969, 0.4443, 0.2820



25.6969, 0.4364, 0.4806



25.6969, 0.1893, 0.3658

Rectangle

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



25.6969, 0.1850, 0.1861



25.6969, 0.3107, 0.2148



25.6969, 0.4364, 0.4806



25.6969, 0.2896, 0.4966

Sweetspot

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



25.7015, 0.1850, 0.1861



69.8286, 0.2654, 0.2938



63.7680, 0.2821, 0.5356



14.1833, 0.2587, 0.2881



0.0000, 0.0000, 0.0000



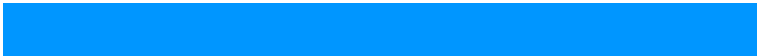
21.4041, 0.3127, 0.3290

Same Dimension

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



25.7015, 0.1850, 0.1861



29.1151, 0.1849, 0.1857



7.0089, 0.1516, 0.0655



16.7770, 0.2980, 0.3191



14.2083, 0.1857, 0.1886



1.3774, 0.1914, 0.2089

Inverse Universe

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



20.6558, 0.4613, 0.2315



23.4703, 0.4618, 0.2318



68.2807, 0.4384, 0.4901



15.9151, 0.3201, 0.3152



11.2277, 0.4584, 0.2299



0.9538, 0.4353, 0.2172

Previews

White Background



This preview shows how the Yxy color 25.6969, 0.1850, 0.1861 looks on a white background.

Color Contrast Check

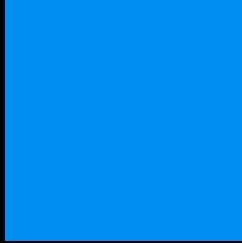
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6969, 0.1850, 0.1861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

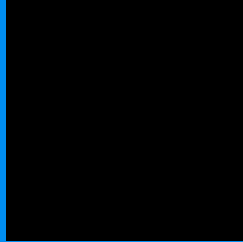
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

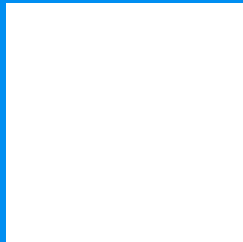
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.6969, 0.1850, 0.1861

Background



This preview shows how black text looks on a background with the Yxy color 25.6969, 0.1850, 0.1861.

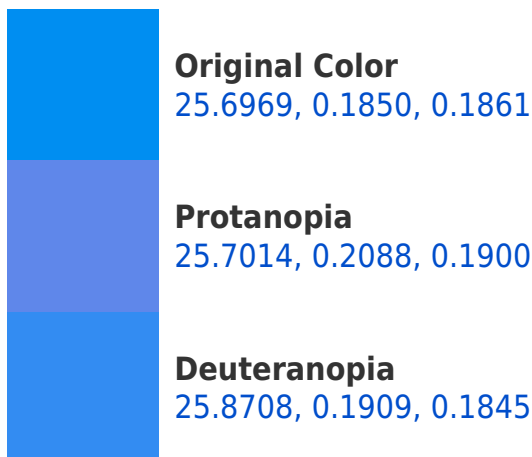


This preview shows how white text looks on a background with the Yxy color 25.6969, 0.1850, 0.1861.

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





Tritanopia

25.4628, 0.2189, 0.3081

Trichromacy



Original Color

25.6969, 0.1850, 0.1861

Protanomaly

25.2520, 0.1942, 0.1869

Deuteranomaly

25.7676, 0.1874, 0.1847

Tritanomaly

25.3007, 0.2042, 0.2549

Monochromacy



Original Color

25.6969, 0.1850, 0.1861

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

17.7273, 0.2300, 0.2592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6969, 0.1850, 0.1861 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, 142, 241)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 241)  
}
```

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, 142, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 241) }
```

Border

The CSS property to change the border of an element to Yxy 25.6969, 0.1850, 0.1861 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, 142, 241) }
```

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

```
.border{ border-color:rgb(0, 142, 241) }
```

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

Here you see how a box with a 4 pixel rgb(0, 142, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 241);  
box-shadow:4px 4px 4px 4px rgb(0, 142,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6969, 0.1850, 0.1861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 241) }
```

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

```
.background{ background-color: rgb(0, 142,  
241) }
```

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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