

Converting Colors

$Y_{xy}(26.4433, 0.1889, 0.1976)$

Have a look what the booklet for
Yxy(26.4433, 0.1889, 0.1976)
contains.

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Color

Yxy(26.3201, 0.1886, 0.1965)

Conversions

Conversions Part 1

Format	Color
Hex	0B91EB
RGB	11, 145, 235
RGB Percent	4%, 57%, 92%
CMY	0.9564, 0.4314, 0.0783
CMYK	0.95, 0.38, 0.00, 0.08
HSL	204°, 91%, 48%
HSV	204°, 95%, 92%
XYZ	25.2619, 26.3201, 82.3625
YIQ	115.1940, -108.7540, -0.4180

Conversions

Conversions Part 2

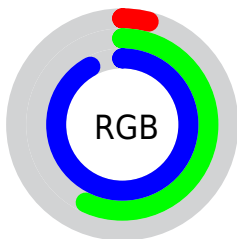
Format	Color
R _Y B	11, 95, 235
Decimal	758251
CIE Lab	58.34, 1.04, -54.06
CIE LCh	58, 54.068, 271.107
Yxy	26.3201, 0.1886, 0.1965
Android (android.graphics.Color)	4278948331 (0xFF0B91EB)
YUV	115.1940, 59.0644, -91.3781
Hunter-Lab	51.3031, -1.8861, -59.2725

Details

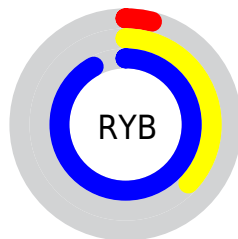
The Yxy color **26.3201, 0.1886, 0.1965** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **27.0271, 0.5611, 0.3888**, and the grayscale version is **17.0604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8594, 0.2256, 0.2575**, and **11.4391, 0.1802, 0.1685** is the 20% darker color. If you saturate the color by 10%, you get **24.9088, 0.1860, 0.1894**, and if you desaturate by 10%, it is **29.6088, 0.1953, 0.2118**.

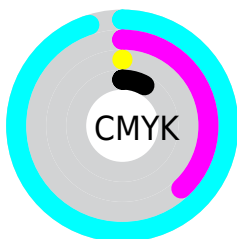
Distribution



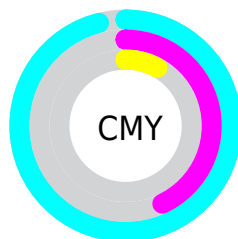
- Red (4%)
- Green (57%)
- Blue (92%)



- Red (4%)
- Yellow (37%)
- Blue (92%)



- Cyan (95%)
- Magenta (38%)
- Yellow (0%)
- Black (8%)



- Cyan (96%)
- Magenta (43%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3201, 0.1886, 0.1965 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 26.3201, 0.1886, 0.1965 by changing the saturation by 10% instead.

■ 26.3201, 0.1886,
0.1965

■ 26.3201, 0.1886,
0.1965

284.3499, 0.2517,
0.2636

■ 17.0633, 0.1734,
0.1804

■ 53.7909, 0.2113,
0.2206

■ 10.2796, 0.1545,
0.1604

■ 72.7736, 0.2199,
0.2298

■ 5.5847, 0.1309,
0.1354

■ 95.7672, 0.2272,
0.2376

■ 2.5943, 0.1012,
0.1042

■ 123.1558, 0.2335,
0.2443

■ 0.9238, 0.0652,
0.0666

■ 155.3240, 0.2390,
0.2501

■ 0.0000, 0.0000,
0.0000

192.6562, 0.2438,

0.2552

235.5367, 0.2480,
0.2597

■ 26.3201, 0.1886,
0.1965

■ 26.3201, 0.1886,
0.1965

■ 24.9088, 0.1860,
0.1894

■ 29.6088, 0.1953,
0.2118

■ 33.4164, 0.2043,
0.2275

■ 37.7966, 0.2153,
0.2432

■ 42.7934, 0.2281,
0.2587

■ 48.4452, 0.2423,
0.2736

■ 54.7863, 0.2575,
0.2877

■ 61.8484, 0.2731,
0.3008

■ 69.6604, 0.2889,
0.3128

■ 78.2497, 0.3046,
0.3237

Harmonies

Analogous

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



26.3201, 0.1625, 0.2206



26.3201, 0.1886, 0.1965



26.3201, 0.2459, 0.2013

Triad

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



26.3201, 0.1886, 0.1965



26.3201, 0.4837, 0.3395



26.3201, 0.2752, 0.4677

Complementary

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



26.3201, 0.1886, 0.1965



27.0271, 0.5611, 0.3888

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.



26.3201, 0.3602, 0.4983



26.3201, 0.1886, 0.1965



26.3201, 0.4857, 0.4040

Square

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



26.3201, 0.1886, 0.1965



26.3201, 0.4238, 0.2794



26.3201, 0.4374, 0.4647



26.3201, 0.2051, 0.3757

Rectangle

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



26.3201, 0.1886, 0.1965



26.3201, 0.3005, 0.2184



26.3201, 0.4374, 0.4647



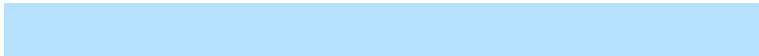
26.3201, 0.3031, 0.4865

Sweetspot

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



26.3209, 0.1886, 0.1965



71.0440, 0.2670, 0.2959



60.4349, 0.2803, 0.5263



14.4352, 0.2603, 0.2902



0.0000, 0.0000, 0.0000



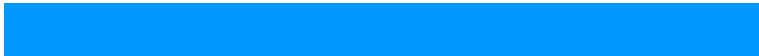
21.4041, 0.3127, 0.3290

Same Dimension

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



26.3209, 0.1886, 0.1965



29.8286, 0.1858, 0.1888



7.1879, 0.1538, 0.0704



16.0468, 0.2981, 0.3193



14.1166, 0.1866, 0.1918



1.2961, 0.1924, 0.2128

Inverse Universe

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



19.9524, 0.4488, 0.2267



23.5424, 0.4582, 0.2298



65.0943, 0.4365, 0.4896



15.2053, 0.3199, 0.3150



10.9179, 0.4546, 0.2278



0.8763, 0.4311, 0.2148

Previews

White Background



This preview shows how the Yxy color 26.3201, 0.1886, 0.1965 looks on a white background.

Color Contrast Check

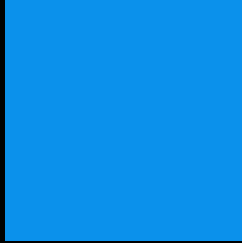
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3201, 0.1886, 0.1965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

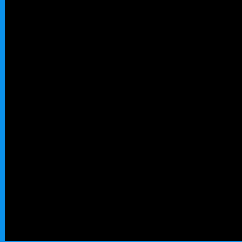
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

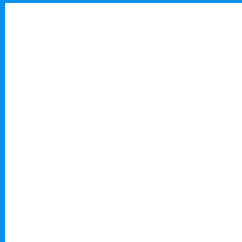
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.3201, 0.1886, 0.1965

Background



This preview shows how black text looks on a background with the Yxy color 26.3201, 0.1886, 0.1965.



This preview shows how white text looks on a background with the Yxy color 26.3201, 0.1886, 0.1965.

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

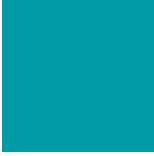
26.3201, 0.1886, 0.1965

Protanopia

26.0379, 0.2166, 0.1995

Deuteranopia

26.4080, 0.1990, 0.1933



Tritanopia

26.1959, 0.2190, 0.3084

Trichromacy



Original Color

26.3201, 0.1886, 0.1965

Protanomaly

25.4805, 0.2004, 0.1961

Deuteranomaly

26.0551, 0.1930, 0.1928

Tritanomaly

25.9206, 0.2059, 0.2601

Monochromacy



Original Color

26.3201, 0.1886, 0.1965

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

19.0027, 0.2351, 0.2663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3201, 0.1886, 0.1965 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(11, 145, 235)` looks like.

```
.text, #text, p{  
    color:rgb(11, 145, 235)  
}
```

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(11, 145, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 145, 235) }
```

Border

The CSS property to change the border of an element to Yxy 26.3201, 0.1886, 0.1965 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(11, 145, 235) }
```

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

```
.border{ border-color:rgb(11, 145, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 145, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 145, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 145, 235);  
box-shadow:4px 4px 4px 4px rgb(11, 145,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3201, 0.1886, 0.1965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 145, 235) }
```

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

```
.background{ background-color: rgb(11, 145,  
235) }
```

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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