

Converting Colors

$Yxy(26.4926, 0.1860, 0.1800)$

Have a look what the booklet for
Yxy(26.4926, 0.1860, 0.1800)
contains.

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Color

Yxy(26.4926, 0.1860, 0.1800)

Conversions

Conversions Part 1

Format	Color
Hex	208EF9
RGB	32, 142, 249
RGB Percent	13%, 56%, 98%
CMY	0.8735, 0.4432, 0.0234
CMYK	0.87, 0.43, 0.00, 0.02
HSL	210°, 95%, 55%
HSV	210°, 87%, 98%
XYZ	27.3757, 26.4926, 93.3128
YIQ	121.3080, -99.9070, 9.9570

Conversions

Conversions Part 2

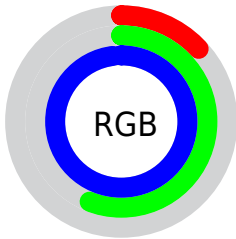
Format	Color
R _Y B	32, 105, 249
Decimal	2133753
CIE Lab	58.50, 9.07, -61.52
CIE LCh	59, 62.187, 278.390
Yxy	26.4926, 0.1860, 0.1800
Android (android.graphics.Color)	4280323833 (0xFF208EF9)
YUV	121.3080, 62.9522, -78.3231
Hunter-Lab	51.4710, 4.8640, -71.4585

Details

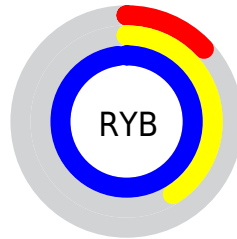
The Yxy color **26.4926, 0.1860, 0.1800** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **38.8002, 0.5187, 0.4140**, and the grayscale version is **19.0654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1018, 0.2286, 0.2543**, and **11.6345, 0.1756, 0.1521** is the 20% darker color. If you saturate the color by 10%, you get **22.7706, 0.1788, 0.1619**, and if you desaturate by 10%, it is **30.9194, 0.1957, 0.1991**.

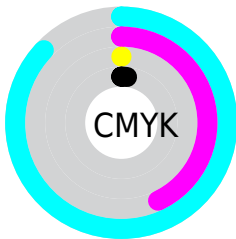
Distribution



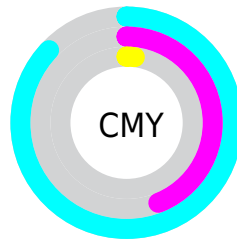
- Red (13%)
- Green (56%)
- Blue (98%)



- Red (13%)
- Yellow (41%)
- Blue (98%)



- Cyan (87%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)





- Cyan (87%)
- Magenta (44%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4926, 0.1860, 0.1800 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 26.4926, 0.1860, 0.1800 by changing the saturation by 10% instead.


 26.4926, 0.1860,
0.1800


 26.4926, 0.1860,
0.1800

285.1919, 0.2500,
0.2532


 17.1925, 0.1708,
0.1632


 54.0686, 0.2088,
0.2057


 10.3718, 0.1522,
0.1429


 73.1133, 0.2176,
0.2156


 5.6462, 0.1290,
0.1182


 96.1749, 0.2250,
0.2242

 2.6312, 0.1005,
0.0885

 123.6380, 0.2314,
0.2316

 0.9424, 0.0663,
0.0545

 155.8868, 0.2370,
0.2380

 0.0000, 0.0072,
0.0000

193.3058, 0.2419,

 0.0000, 0.0000,

0.2437

0.0000

236.2794, 0.2462,
0.2487

■ 26.4926, 0.1860,
0.1800

■ 26.4926, 0.1860,
0.1800

■ 22.7706, 0.1788,
0.1619

■ 30.9194, 0.1957,
0.1991

■ 21.7776, 0.1769,
0.1568

■ 36.1202, 0.2077,
0.2186

■ 42.1540, 0.2216,
0.2380

■ 49.0715, 0.2369,
0.2568

■ 56.9184, 0.2530,
0.2747

■ 65.7365, 0.2695,
0.2913

■ 75.5647, 0.2858,
0.3065

■ 86.4394, 0.3018,
0.3202

■ 98.1333, 0.3163,
0.3325

Harmonies

Analogous

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



26.4926, 0.1498, 0.1968



26.4926, 0.1860, 0.1800



26.4926, 0.2572, 0.1925

Triad

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



26.4926, 0.1860, 0.1800



26.4926, 0.5141, 0.3540



26.4926, 0.2462, 0.4699

Complementary

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



26.4926, 0.1860, 0.1800



38.8002, 0.5187, 0.4140

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.



26.4926, 0.3393, 0.5243



26.4926, 0.1860, 0.1800



26.4926, 0.4974, 0.4256

Square

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



26.4926, 0.1860, 0.1800



26.4926, 0.4618, 0.2872



26.4926, 0.4304, 0.4935



26.4926, 0.1769, 0.3523

Rectangle

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



26.4926, 0.1860, 0.1800



26.4926, 0.3232, 0.2151



26.4926, 0.4304, 0.4935



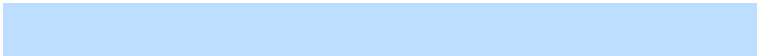
26.4926, 0.2759, 0.4985

Sweetspot

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



26.4934, 0.1860, 0.1800



70.3820, 0.2711, 0.2929



69.8846, 0.2709, 0.4853



14.3404, 0.2654, 0.2873



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.



26.4934, 0.1860, 0.1800



22.9423, 0.1768, 0.1566



8.4058, 0.1566, 0.0718



18.0954, 0.2980, 0.3170



11.9397, 0.1777, 0.1596



1.3180, 0.1836, 0.1810

Inverse Universe

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



23.1434, 0.4666, 0.2428



22.8472, 0.4974, 0.2514



85.8042, 0.4191, 0.4987



17.3718, 0.3214, 0.3171



11.6162, 0.4936, 0.2493



1.0973, 0.4674, 0.2348

Previews

White Background



This preview shows how the Yxy color 26.4926, 0.1860, 0.1800 looks on a white background.

Color Contrast Check

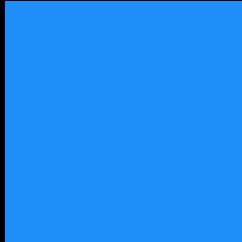
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4926, 0.1860, 0.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

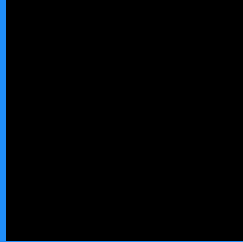
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

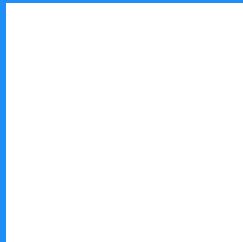
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.4926, 0.1860, 0.1800

Background



This preview shows how black text looks on a background with the Yxy color 26.4926, 0.1860, 0.1800.



This preview shows how white text looks on a background with the Yxy color 26.4926, 0.1860, 0.1800.

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

26.4926, 0.1860, 0.1800

Protanopia

26.3035, 0.2035, 0.1828

Deuteranopia

26.5256, 0.1863, 0.1801



Tritanopia

26.1959, 0.2190, 0.3084

Trichromacy



Original Color

26.4926, 0.1860, 0.1800

Protanomaly

26.0716, 0.1950, 0.1809

Deuteranomaly

26.5089, 0.1861, 0.1801

Tritanomaly

25.8764, 0.2041, 0.2512

Monochromacy



Original Color

26.4926, 0.1860, 0.1800

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

20.6515, 0.2388, 0.2591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4926, 0.1860, 0.1800 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(32, 142, 249)` looks like.

```
.text, #text, p{  
    color:rgb(32, 142, 249)  
}
```

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(32, 142, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 142, 249) }
```

Border

The CSS property to change the border of an element to Yxy 26.4926, 0.1860, 0.1800 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(32, 142, 249) }
```

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

```
.border{ border-color:rgb(32, 142, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 142, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 142, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 142, 249);  
box-shadow:4px 4px 4px 4px rgb(32, 142,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4926, 0.1860, 0.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 142, 249) }
```

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

```
.background{ background-color: rgb(32, 142,  
249) }
```

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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