

Converting Colors

$Yxy(25.9510, 0.1826, 0.1709)$

Have a look what the booklet for
Yxy(25.9510, 0.1826, 0.1709)
contains.

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Color

Yxy(25.9048, 0.1826, 0.1707)

Conversions

Conversions Part 1

Format	Color
Hex	1A8BFF
RGB	26, 139, 255
RGB Percent	10%, 55%, 100%
CMY	0.8973, 0.4549, 0.0000
CMYK	0.90, 0.45, 0.00, 0.00
HSL	210°, 100%, 55%
HSV	210°, 90%, 100%
XYZ	27.7107, 25.9048, 98.1408
YIQ	118.4370, -104.5840, 12.1200

Conversions

Conversions Part 2

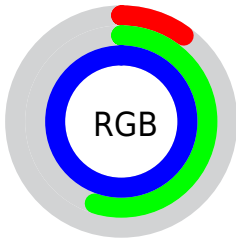
Format	Color
R _Y B	26, 102, 255
Decimal	1739775
CIE Lab	57.95, 12.81, -65.70
CIE LCh	58, 66.936, 281.031
Yxy	25.9048, 0.1826, 0.1707
Android (android.graphics.Color)	4279929855 (0xFF1A8BFF)
YUV	118.4370, 67.3256, -81.0672
Hunter-Lab	50.8968, 8.1149, -78.6972

Details

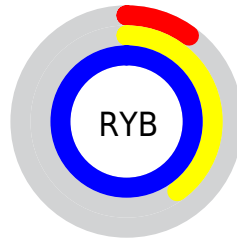
The Yxy color **25.9048, 0.1826, 0.1707** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **40.7393, 0.5216, 0.4156**, and the grayscale version is **18.0889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7012, 0.2273, 0.2502**, and **11.3435, 0.1730, 0.1429** is the 20% darker color. If you saturate the color by 10%, you get **22.1628, 0.1758, 0.1526**, and if you desaturate by 10%, it is **30.3731, 0.1918, 0.1900**.

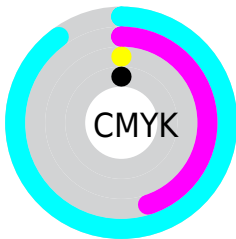
Distribution



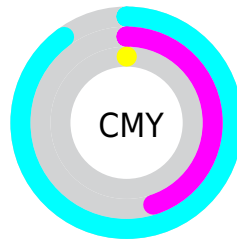
- Red (10%)
- Green (55%)
- Blue (100%)



- Red (10%)
- Yellow (40%)
- Blue (100%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)




- Cyan (90%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9048, 0.1826, 0.1707 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 25.9048, 0.1826, 0.1707 by changing the saturation by 10% instead.


 25.9048, 0.1826,
0.1707


 25.9048, 0.1826,
0.1707

282.3144, 0.2482,
0.2474


 16.7524, 0.1672,
0.1535

 53.1213, 0.2059,
0.1973


 10.0581, 0.1483,
0.1329


 71.9543, 0.2149,
0.2078


 5.4375, 0.1251,
0.1082


 94.7829, 0.2225,
0.2167

 2.5062, 0.0968,
0.0792

 121.9915, 0.2291,
0.2245

 0.8797, 0.0634,
0.0470

 153.9646, 0.2348,
0.2313

 0.0000, 0.0097,
0.0000

191.0865, 0.2399,

 0.0000, 0.0000,

0.2373

0.0000

233.7417, 0.2443,
0.2427

■ 25.9048, 0.1826,
0.1707

■ 25.9048, 0.1826,
0.1707

■ 22.1628, 0.1758,
0.1526

■ 30.3731, 0.1918,
0.1900

■ 22.0675, 0.1756,
0.1521

■ 35.6622, 0.2034,
0.2099

■ 41.8383, 0.2170,
0.2300

■ 48.9582, 0.2322,
0.2496

■ 57.0726, 0.2483,
0.2683

■ 66.2278, 0.2649,
0.2858

■ 76.4667, 0.2814,
0.3018

■ 87.8295, 0.2976,
0.3163

■ 99.9995, 0.3127,
0.3290

Harmonies

Analogous

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



25.9048, 0.1419, 0.1846



25.9048, 0.1826, 0.1707



25.9048, 0.2611, 0.1865

Triad

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



25.9048, 0.1826, 0.1707



25.9048, 0.5307, 0.3592



25.9048, 0.2318, 0.4739

Complementary

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



25.9048, 0.1826, 0.1707



40.7393, 0.5216, 0.4156

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.



25.9048, 0.3294, 0.5409



25.9048, 0.1826, 0.1707



25.9048, 0.5043, 0.4352

Square

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



25.9048, 0.1826, 0.1707



25.9048, 0.4820, 0.2890



25.9048, 0.4278, 0.5091



25.9048, 0.1625, 0.3417

Rectangle

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



25.9048, 0.1826, 0.1707



25.9048, 0.3336, 0.2116



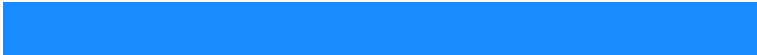
25.9048, 0.4278, 0.5091



25.9048, 0.2626, 0.5080

Sweetspot

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



25.9055, 0.1826, 0.1707



68.9131, 0.2694, 0.2903



73.6489, 0.2700, 0.4854



14.0339, 0.2637, 0.2846



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.



25.9055, 0.1826, 0.1707



22.0688, 0.1756, 0.1521



8.1895, 0.1542, 0.0670



18.8567, 0.2979, 0.3166



11.8290, 0.1764, 0.1550



1.3698, 0.1822, 0.1758

Inverse Universe

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



23.8703, 0.4783, 0.2468



22.7590, 0.5032, 0.2545



92.8497, 0.4175, 0.5022



18.1364, 0.3216, 0.3173



11.9221, 0.4994, 0.2525



1.1828, 0.4736, 0.2383

Previews

White Background



This preview shows how the Yxy color 25.9048, 0.1826, 0.1707 looks on a white background.

Color Contrast Check

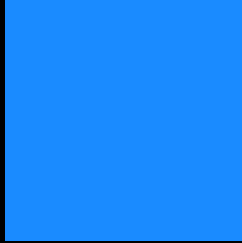
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9048, 0.1826, 0.1707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

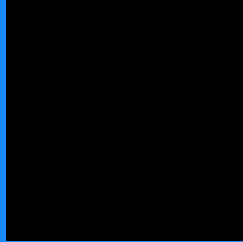
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

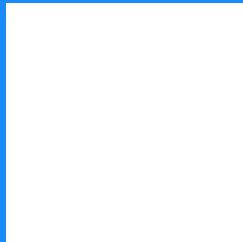
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.9048, 0.1826, 0.1707

Background



This preview shows how black text looks on a background with the Yxy color 25.9048, 0.1826, 0.1707.



This preview shows how white text looks on a background with the Yxy color 25.9048, 0.1826, 0.1707.

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

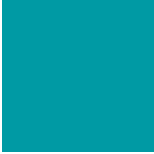
25.9048, 0.1826, 0.1707

Protanopia

25.7017, 0.1961, 0.1728

Deuteranopia

25.8271, 0.1829, 0.1785



Tritanopia

25.7915, 0.2195, 0.3100

Trichromacy



Original Color

25.9048, 0.1826, 0.1707

Protanomaly

25.6287, 0.1893, 0.1715

Deuteranomaly

25.7857, 0.1824, 0.1748

Tritanomaly

25.5906, 0.2030, 0.2480

Monochromacy



Original Color

25.9048, 0.1826, 0.1707

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

19.6802, 0.2348, 0.2528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9048, 0.1826, 0.1707 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(26, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 139, 255)  
}
```

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(26, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 139, 255) }
```

Border

The CSS property to change the border of an element to Yxy 25.9048, 0.1826, 0.1707 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(26, 139, 255) }
```

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

```
.border{ border-color:rgb(26, 139, 255) }
```

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

Here you see how a box with a 4 pixel rgb(26, 139, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 139,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9048, 0.1826, 0.1707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 139, 255) }
```

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

```
.background{ background-color: rgb(26, 139,  
255) }
```

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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