

Converting Colors

$Yxy(26.5011, 0.1850, 0.1652)$

Have a look what the booklet for
Yxy(26.5011, 0.1850, 0.1652)
contains.

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Color

Yxy(26.1270, 0.1868, 0.1710)

Conversions

Conversions Part 1

Format	Color
Hex	348AFF
RGB	52, 138, 255
RGB Percent	20%, 54%, 100%
CMY	0.7970, 0.4587, 0.0001
CMYK	0.80, 0.46, 0.00, 0.00
HSL	215°, 100%, 60%
HSV	215°, 80%, 100%
XYZ	28.5411, 26.1270, 98.1214
YIQ	125.6240, -88.8130, 18.1550

Conversions

Conversions Part 2

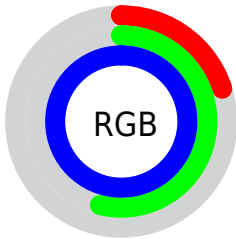
Format	Color
R _Y B	52, 112, 255
Decimal	3443455
CIE Lab	58.16, 15.18, -65.32
CIE LCh	58, 67.064, 283.081
Yxy	26.1270, 0.1868, 0.1710
Android (android.graphics.Color)	4281633535 (0xFF348AFF)
YUV	125.6240, 63.7824, -64.5682
Hunter-Lab	51.1146, 10.2193, -78.0350

Details

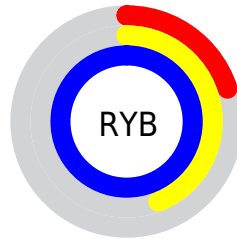
The Yxy color **26.1270, 0.1868, 0.1710** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **49.7658, 0.4841, 0.4304**, and the grayscale version is **20.5128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0708, 0.2322, 0.2499**, and **11.1760, 0.1726, 0.1413** is the 20% darker color. If you saturate the color by 10%, you get **21.6962, 0.1769, 0.1499**, and if you desaturate by 10%, it is **31.4923, 0.1993, 0.1933**.

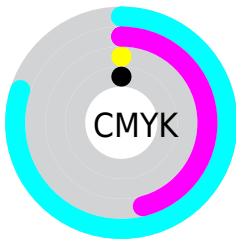
Distribution



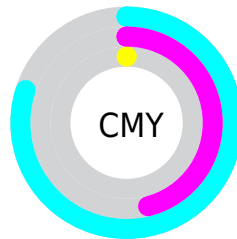
- Red (20%)
- Green (54%)
- Blue (100%)



- Red (20%)
- Yellow (44%)
- Blue (100%)



- Cyan (80%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)





- Cyan (80%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1270, 0.1868, 0.1710 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 26.1270, 0.1868, 0.1710 by changing the saturation by 10% instead.


 26.1270, 0.1868,
0.1710


 26.1270, 0.1868,
0.1710


283.4050, 0.2505,
0.2473


 16.9187, 0.1717,
0.1539


 53.4798, 0.2095,
0.1975


 10.1765, 0.1532,
0.1334


 72.3930, 0.2182,
0.2078

 5.5162, 0.1303,
0.1089


 95.3100, 0.2257,
0.2167

 2.5532, 0.1021,
0.0800

 122.6151, 0.2321,
0.2245

 0.9032, 0.0685,
0.0479

154.6927, 0.2376,
0.2313

 0.0000, 0.0176,
0.0000

191.9274, 0.2425,

 0.0000, 0.0000,

0.2373

0.0000

234.7033, 0.2467,
0.2426

■ 26.1270, 0.1868,
0.1710

■ 26.1270, 0.1868,
0.1710

■ 21.6962, 0.1769,
0.1499

■ 31.4923, 0.1993,
0.1933

■ 18.0933, 0.1697,
0.1307

■ 37.8629, 0.2139,
0.2160

■ 17.9946, 0.1695,
0.1302

■ 45.3032, 0.2301,
0.2384

■ 53.8702, 0.2470,
0.2598

■ 63.6165, 0.2642,
0.2798

■ 74.5907, 0.2812,
0.2981

■ 86.8384, 0.2976,
0.3146

99.9981, 0.3127,
0.3290

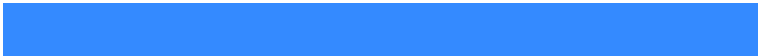
Harmonies

Analogous

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



26.1270, 0.1437, 0.1827



26.1270, 0.1868, 0.1710



26.1270, 0.2679, 0.1886

Triad

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



26.1270, 0.1868, 0.1710



26.1270, 0.5310, 0.3642



26.1270, 0.2260, 0.4656

Complementary

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



26.1270, 0.1868, 0.1710



49.7658, 0.4841, 0.4304

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.



26.1270, 0.3225, 0.5396



26.1270, 0.1868, 0.1710



26.1270, 0.5002, 0.4405

Square

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



26.1270, 0.1868, 0.1710



26.1270, 0.4875, 0.2936



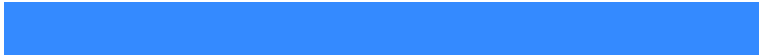
26.1270, 0.4215, 0.5131



26.1270, 0.1594, 0.3330

Rectangle

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



26.1270, 0.1868, 0.1710



26.1270, 0.3417, 0.2149



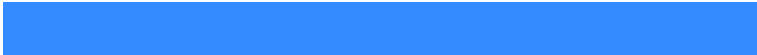
26.1270, 0.4215, 0.5131



26.1270, 0.2562, 0.5017

Sweetspot

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



26.1278, 0.1868, 0.1710



69.7345, 0.2740, 0.2904



75.0121, 0.2629, 0.4470



14.0993, 0.2679, 0.2838



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.



26.1278, 0.1868, 0.1710



19.3487, 0.1722, 0.1376



10.7874, 0.1680, 0.0844



18.6454, 0.2979, 0.3149



9.6860, 0.1703, 0.1332



1.1541, 0.1765, 0.1553

Inverse Universe

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



25.5252, 0.4748, 0.2577



22.6992, 0.5217, 0.2668



90.5228, 0.4040, 0.5024



18.1151, 0.3227, 0.3189



11.7058, 0.5283, 0.2684



1.1611, 0.4991, 0.2523

Previews

White Background



This preview shows how the Yxy color 26.1270, 0.1868, 0.1710 looks on a white background.

Color Contrast Check

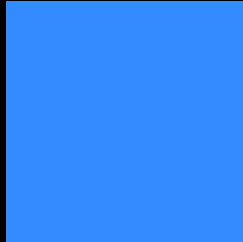
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1270, 0.1868, 0.1710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

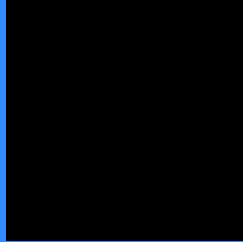
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

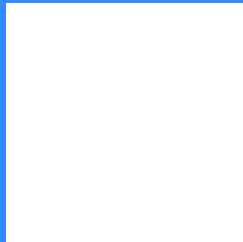
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.1270, 0.1868, 0.1710

Background



This preview shows how black text looks on a background with the Yxy color 26.1270, 0.1868, 0.1710.



This preview shows how white text looks on a background with the Yxy color 26.1270, 0.1868, 0.1710.

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

26.1270, 0.1868, 0.1710

Protanopia

26.1056, 0.1958, 0.1725

Deuteranopia

25.9519, 0.1825, 0.1768



Tritanopia

25.8278, 0.2190, 0.3082

Trichromacy



Original Color

26.1270, 0.1868, 0.1710

Protanomaly

26.0023, 0.1918, 0.1717

Deuteranomaly

25.9229, 0.1829, 0.1742

Tritanomaly

25.3955, 0.2031, 0.2450

Monochromacy



Original Color

26.1270, 0.1868, 0.1710

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

21.6350, 0.2434, 0.2547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1270, 0.1868, 0.1710 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(52, 138, 255)` looks like.

```
.text, #text, p{  
    color:rgb(52, 138, 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(52, 138, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 138, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.1270, 0.1868, 0.1710 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(52, 138, 255) }
```

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

```
.border{ border-color:rgb(52, 138, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 138, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 138, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 138, 255);  
box-shadow:4px 4px 4px 4px rgb(52, 138,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1270, 0.1868, 0.1710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 138, 255) }
```

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

```
.background{ background-color: rgb(52, 138,  
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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