

Converting Colors

$Yxy(25.5747, 0.1860, 0.1684)$

Have a look what the booklet for
Yxy(25.5747, 0.1860, 0.1684)
contains.

Yxy(25.5321, 0.1859, 0.1682)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.5321, 0.1859, 0.1682)

Conversions

Conversions Part 1

Format	Color
Hex	3388FF
RGB	51, 136, 255
RGB Percent	20%, 53%, 100%
CMY	0.7999, 0.4667, 0.0000
CMYK	0.80, 0.47, 0.00, 0.00
HSL	215°, 100%, 60%
HSV	215°, 80%, 100%
XYZ	28.2189, 25.5321, 98.0451
YIQ	124.1510, -88.8590, 18.9890

Conversions

Conversions Part 2

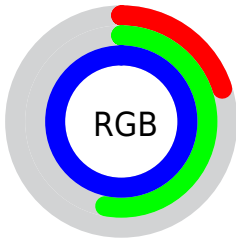
Format	Color
R _Y B	51, 111, 255
Decimal	3377407
CIE Lab	57.59, 16.36, -66.25
CIE LCh	58, 68.241, 283.869
Yxy	25.5321, 0.1859, 0.1682
Android (android.graphics.Color)	4281567487 (0xFF3388FF)
YUV	124.1510, 64.5086, -64.1534
Hunter-Lab	50.5293, 11.2599, -79.6735

Details

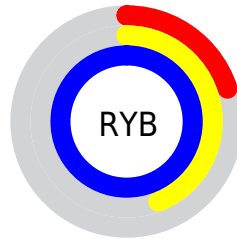
The Yxy color **25.5321, 0.1859, 0.1682** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **50.2536, 0.4832, 0.4320**, and the grayscale version is **20.0145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2044, 0.2317, 0.2473**, and **10.8476, 0.1717, 0.1381** is the 20% darker color. If you saturate the color by 10%, you get **21.1384, 0.1760, 0.1470**, and if you desaturate by 10%, it is **30.8714, 0.1984, 0.1907**.

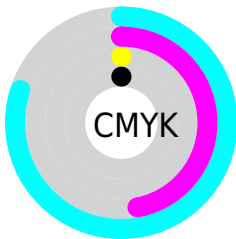
Distribution



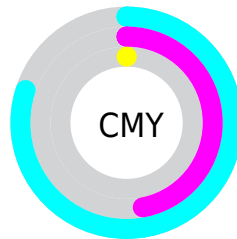
- Red (20%)
- Green (53%)
- Blue (100%)



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



- Cyan (80%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (80%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5321, 0.1859, 0.1682 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 25.5321, 0.1859, 0.1682 by changing the saturation by 10% instead.


 25.5321, 0.1859,
0.1682


 25.5321, 0.1859,
0.1682


280.4776, 0.2502,
0.2458


 16.4739, 0.1707,
0.1509


 52.5191, 0.2089,
0.1951

 9.8601, 0.1520,
0.1302


 71.2168, 0.2177,
0.2056

 5.3063, 0.1289,
0.1056


 93.8964, 0.2252,
0.2147

 2.4281, 0.1005,
0.0767

 120.9424, 0.2316,
0.2225

 0.8403, 0.0668,
0.0449

152.7391, 0.2372,
0.2294

 0.0000, 0.0146,
0.0000

189.6709, 0.2421,

 0.0000, 0.0000,

0.2355

0.0000

232.1223, 0.2464,
0.2410

■ 25.5321, 0.1859,
0.1682

■ 25.5321, 0.1859,
0.1682

■ 21.1384, 0.1760,
0.1470

■ 30.8714, 0.1984,
0.1907

■ 17.5795, 0.1688,
0.1278

■ 37.2285, 0.2131,
0.2137

■ 17.5769, 0.1688,
0.1278

■ 44.6689, 0.2293,
0.2364

■ 53.2508, 0.2464,
0.2582

■ 63.0277, 0.2636,
0.2785

■ 74.0490, 0.2807,
0.2971

■ 86.3614, 0.2971,
0.3140

99.9998, 0.3127,
0.3290

Harmonies

Analogous

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



25.5321, 0.1414, 0.1789



25.5321, 0.1859, 0.1682



25.5321, 0.2695, 0.1868

Triad

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



25.5321, 0.1859, 0.1682



25.5321, 0.5359, 0.3658



25.5321, 0.2213, 0.4663

Complementary

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



25.5321, 0.1859, 0.1682



50.2536, 0.4832, 0.4320

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.



25.5321, 0.3190, 0.5448



25.5321, 0.1859, 0.1682



25.5321, 0.5019, 0.4436

Square

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



25.5321, 0.1859, 0.1682



25.5321, 0.4940, 0.2942



25.5321, 0.4202, 0.5182



25.5321, 0.1550, 0.3292

Rectangle

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



25.5321, 0.1859, 0.1682



25.5321, 0.3454, 0.2139



25.5321, 0.4202, 0.5182



25.5321, 0.2517, 0.5042

Sweetspot

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



25.5328, 0.1859, 0.1682



69.4812, 0.2739, 0.2899



75.1246, 0.2615, 0.4427



14.0390, 0.2678, 0.2832



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.



25.5328, 0.1859, 0.1682



18.9160, 0.1715, 0.1352



10.8188, 0.1689, 0.0845



18.6211, 0.2979, 0.3148



9.4631, 0.1697, 0.1308



1.1312, 0.1758, 0.1530

Inverse Universe

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



25.4064, 0.4782, 0.2592



22.6555, 0.5249, 0.2685



89.9339, 0.4017, 0.5045



18.1126, 0.3228, 0.3191



11.6833, 0.5316, 0.2702



1.1587, 0.5021, 0.2539

Previews

White Background



This preview shows how the Yxy color 25.5321, 0.1859, 0.1682 looks on a white background.

Color Contrast Check

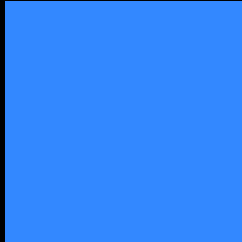
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5321, 0.1859, 0.1682 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

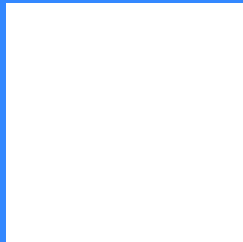
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.5321, 0.1859, 0.1682

Background



This preview shows how black text looks on a background with the Yxy color 25.5321, 0.1859, 0.1682.



This preview shows how white text looks on a background with the Yxy color 25.5321, 0.1859, 0.1682.

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

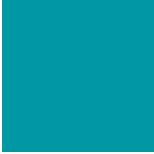
25.5321, 0.1859, 0.1682

Protanopia

25.3811, 0.1936, 0.1694

Deuteranopia

25.4716, 0.1828, 0.1779



Tritanopia

25.4268, 0.2194, 0.3099

Trichromacy



Original Color

25.5321, 0.1859, 0.1682

Protanomaly

25.3710, 0.1905, 0.1688

Deuteranomaly

25.5058, 0.1830, 0.1744

Tritanomaly

24.9914, 0.2034, 0.2459

Monochromacy



Original Color

25.5321, 0.1859, 0.1682

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.9583, 0.2419, 0.2523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5321, 0.1859, 0.1682 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(51, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 136, 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(51, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 136, 255) }
```

Border

The CSS property to change the border of an element to Yxy 25.5321, 0.1859, 0.1682 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(51, 136, 255) }
```

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

```
.border{ border-color:rgb(51, 136, 255) }
```

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

Here you see how a box with a 4 pixel rgb(51, 136, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 136,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5321, 0.1859, 0.1682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 136, 255) }
```

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

```
.background{ background-color: rgb(51, 136,  
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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