

Converting Colors

$Yxy(25.5273, 0.1814, 0.1690)$

Have a look what the booklet for
Yxy(25.5273, 0.1814, 0.1690)
contains.

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Color

Yxy(25.5354, 0.1815, 0.1691)

Conversions

Conversions Part 1

Format	Color
Hex	138AFF
RGB	19, 138, 255
RGB Percent	7%, 54%, 100%
CMY	0.9239, 0.4588, 0.0001
CMYK	0.92, 0.46, 0.00, 0.00
HSL	210°, 100%, 54%
HSV	210°, 92%, 100%
XYZ	27.4079, 25.5354, 98.0644
YIQ	115.7570, -108.4810, 11.1590

Conversions

Conversions Part 2

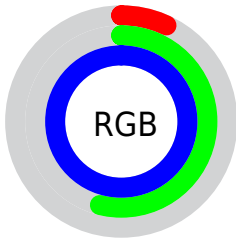
Format	Color
R _Y B	19, 98, 255
Decimal	1280767
CIE Lab	57.59, 13.12, -66.26
CIE LCh	58, 67.545, 281.199
Yxy	25.5354, 0.1815, 0.1691
Android (android.graphics.Color)	4279470847 (0xFF138AFF)
YUV	115.7570, 68.6468, -84.8559
Hunter-Lab	50.5326, 8.3830, -79.6864

Details

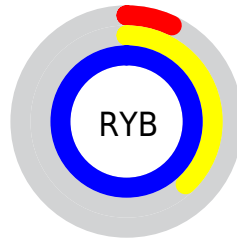
The Yxy color **25.5354, 0.1815, 0.1691** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **39.0145, 0.5299, 0.4118**, and the grayscale version is **17.2344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1264, 0.2261, 0.2488**, and **11.1760, 0.1726, 0.1413** is the 20% darker color. If you saturate the color by 10%, you get **22.7516, 0.1766, 0.1556**, and if you desaturate by 10%, it is **29.7960, 0.1899, 0.1878**.

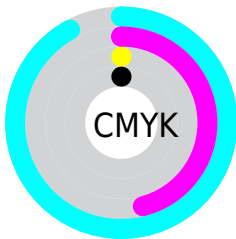
Distribution



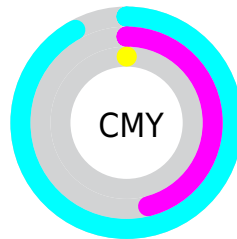
- Red (7%)
- Green (54%)
- Blue (100%)



- Red (7%)
- Yellow (38%)
- Blue (100%)



- Cyan (92%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)




- Cyan (92%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5354, 0.1815, 0.1691 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 25.5354, 0.1815, 0.1691 by changing the saturation by 10% instead.


 25.5354, 0.1815,
0.1691


 25.5354, 0.1815,
0.1691


280.4939, 0.2477,
0.2466


 16.4764, 0.1660,
0.1518


 52.5245, 0.2050,
0.1960

 9.8619, 0.1469,
0.1310


 71.2233, 0.2141,
0.2065


 5.3075, 0.1236,
0.1062


 93.9043, 0.2218,
0.2156

 2.4288, 0.0951,
0.0771

 120.9517, 0.2285,
0.2234

 0.8406, 0.0618,
0.0451

 152.7499, 0.2342,
0.2303

 0.0000, 0.0068,
0.0000

189.6835, 0.2393,

 0.0000, 0.0000,

0.2364

0.0000

232.1366, 0.2438,
0.2418

■ 25.5354, 0.1815,
0.1691

■ 25.5354, 0.1815,
0.1691

■ 22.7516, 0.1766,
0.1556

■ 29.7960, 0.1899,
0.1878

■ 34.8414, 0.2008,
0.2072

■ 40.7401, 0.2138,
0.2269

■ 47.5498, 0.2284,
0.2463

■ 55.3219, 0.2442,
0.2648

■ 64.1030, 0.2606,
0.2822

■ 73.9359, 0.2771,
0.2983

■ 84.8609, 0.2933,
0.3129

■ 96.9155, 0.3091,
0.3261

Harmonies

Analogous

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



25.5354, 0.1403, 0.1828



25.5354, 0.1815, 0.1691



25.5354, 0.2609, 0.1852

Triad

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



25.5354, 0.1815, 0.1691



25.5354, 0.5335, 0.3594



25.5354, 0.2301, 0.4755

Complementary

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



25.5354, 0.1815, 0.1691



39.0145, 0.5299, 0.4118

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.



25.5354, 0.3285, 0.5439



25.5354, 0.1815, 0.1691



25.5354, 0.5059, 0.4361

Square

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



25.5354, 0.1815, 0.1691



25.5354, 0.4847, 0.2887



25.5354, 0.4281, 0.5112



25.5354, 0.1604, 0.3409

Rectangle

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



25.5354, 0.1815, 0.1691



25.5354, 0.3345, 0.2106



25.5354, 0.4281, 0.5112



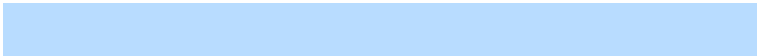
25.5354, 0.2611, 0.5104

Sweetspot

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



25.5361, 0.1815, 0.1691



68.3097, 0.2678, 0.2895



73.3426, 0.2723, 0.4958



13.7400, 0.2607, 0.2824



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.



25.5361, 0.1815, 0.1691



22.7579, 0.1766, 0.1556



7.9861, 0.1530, 0.0656



18.8892, 0.2979, 0.3169



12.1906, 0.1774, 0.1585



1.4055, 0.1831, 0.1790

Inverse Universe

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



23.5680, 0.4808, 0.2460



22.8286, 0.4986, 0.2521



90.3228, 0.4209, 0.5011



18.1397, 0.3215, 0.3171



11.9586, 0.4950, 0.2500



1.1864, 0.4697, 0.2361

Previews

White Background



This preview shows how the Yxy color 25.5354, 0.1815, 0.1691 looks on a white background.

Color Contrast Check

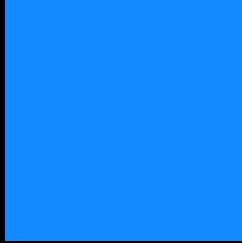
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5354, 0.1815, 0.1691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

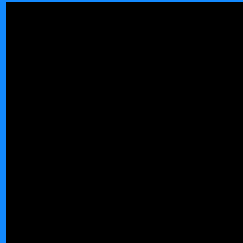
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

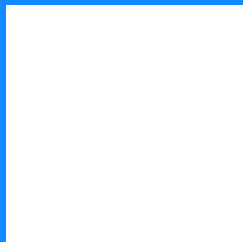
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.5354, 0.1815, 0.1691

Background



This preview shows how black text looks on a background with the Yxy color 25.5354, 0.1815, 0.1691.



This preview shows how white text looks on a background with the Yxy color 25.5354, 0.1815, 0.1691.

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

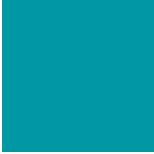
25.5354, 0.1815, 0.1691

Protanopia

25.3394, 0.1950, 0.1712

Deuteranopia

25.4716, 0.1828, 0.1779



Tritanopia

25.4268, 0.2194, 0.3099

Trichromacy



Original Color

25.5354, 0.1815, 0.1691

Protanomaly

25.2261, 0.1878, 0.1697

Deuteranomaly

25.4125, 0.1821, 0.1741

Tritanomaly

25.2105, 0.2027, 0.2475

Monochromacy



Original Color

25.5354, 0.1815, 0.1691

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

18.9547, 0.2318, 0.2500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5354, 0.1815, 0.1691 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(19, 138, 255)` looks like.

```
.text, #text, p{  
    color:rgb(19, 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(19, 138, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 138, 255) }
```

Border

The CSS property to change the border of an element to Yxy 25.5354, 0.1815, 0.1691 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(19, 138, 255) }
```

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

```
.border{ border-color:rgb(19, 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(19, 138, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 138, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 138, 255);  
box-shadow:4px 4px 4px 4px rgb(19, 138,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5354, 0.1815, 0.1691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 138, 255) }
```

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

```
.background{ background-color: rgb(19, 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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