

Converting Colors

$Yxy(25.2775, 0.1841, 0.1762)$

Have a look what the booklet for
Yxy(25.2775, 0.1841, 0.1762)
contains.

Yxy(25.3873, 0.1844, 0.1771)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.3873, 0.1844, 0.1771)

Conversions

Conversions Part 1

Format	Color
Hex	198BF7
RGB	25, 139, 247
RGB Percent	10%, 55%, 97%
CMY	0.9002, 0.4550, 0.0312
CMYK	0.90, 0.44, 0.00, 0.03
HSL	209°, 93%, 53%
HSV	209°, 90%, 97%
XYZ	26.4338, 25.3873, 91.5290
YIQ	117.2260, -102.6120, 9.4200

Conversions

Conversions Part 2

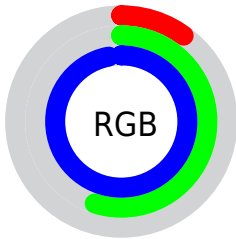
Format	Color
R _Y B	25, 100, 247
Decimal	1674231
CIE Lab	57.45, 9.77, -62.11
CIE LCh	57, 62.879, 278.940
Yxy	25.3873, 0.1844, 0.1771
Android (android.graphics.Color)	4279864311 (0xFF198BF7)
YUV	117.2260, 63.9786, -80.8822
Hunter-Lab	50.3858, 5.4707, -72.4340

Details

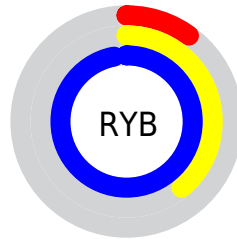
The Yxy color **25.3873, 0.1844, 0.1771** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **36.7680, 0.5262, 0.4115**, and the grayscale version is **17.7255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5641, 0.2264, 0.2501**, and **11.0300, 0.1747, 0.1488** is the 20% darker color. If you saturate the color by 10%, you get **21.8825, 0.1777, 0.1595**, and if you desaturate by 10%, it is **29.5400, 0.1934, 0.1957**.

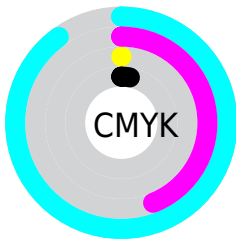
Distribution



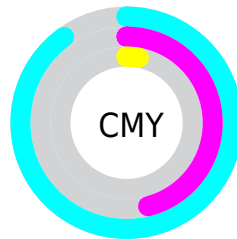
- Red (10%)
- Green (55%)
- Blue (97%)



- Red (10%)
- Yellow (39%)
- Blue (97%)



- Cyan (90%)
- Magenta (44%)
- Yellow (0%)
- Black (3%)




- Cyan (90%)
- Magenta (46%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3873, 0.1844, 0.1771 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 25.3873, 0.1844, 0.1771 by changing the saturation by 10% instead.


 25.3873, 0.1844,
0.1771


 25.3873, 0.1844,
0.1771


279.7613, 0.2495,
0.2519


 16.3658, 0.1689,
0.1600


 52.2848, 0.2077,
0.2034


 9.7834, 0.1499,
0.1392


 70.9297, 0.2166,
0.2135


 5.2556, 0.1262,
0.1140

 93.5512, 0.2242,
0.2223

 2.3980, 0.0971,
0.0839

 120.5336, 0.2307,
0.2298

 0.8249, 0.0626,
0.0499

 152.2615, 0.2364,
0.2364

 0.0000, 0.0000,
0.0000

189.1191, 0.2413,

0.2422

231.4909, 0.2457,
0.2473

■ 25.3873, 0.1844,
0.1771

■ 25.3873, 0.1844,
0.1771

■ 21.8825, 0.1777,
0.1595

■ 29.5400, 0.1934,
0.1957

■ 21.7833, 0.1775,
0.1589

■ 34.4268, 0.2048,
0.2150

■ 40.1074, 0.2181,
0.2342

■ 46.6327, 0.2330,
0.2530

■ 54.0483, 0.2488,
0.2709

■ 62.3956, 0.2652,
0.2876

■ 71.7132, 0.2816,
0.3030

■ 82.0369, 0.2977,
0.3169

■ 93.4006, 0.3132,
0.3294

Harmonies

Analogous

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



25.3873, 0.1471, 0.1933



25.3873, 0.1844, 0.1771



25.3873, 0.2575, 0.1904

Triad

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



25.3873, 0.1844, 0.1771



25.3873, 0.5192, 0.3550



25.3873, 0.2427, 0.4722

Complementary

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



25.3873, 0.1844, 0.1771



36.7680, 0.5262, 0.4115

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.



25.3873, 0.3373, 0.5294



25.3873, 0.1844, 0.1771



25.3873, 0.5001, 0.4279

Square

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



25.3873, 0.1844, 0.1771



25.3873, 0.4671, 0.2871



25.3873, 0.4306, 0.4977



25.3873, 0.1729, 0.3503

Rectangle

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



25.3873, 0.1844, 0.1771



25.3873, 0.3253, 0.2136



25.3873, 0.4306, 0.4977



25.3873, 0.2728, 0.5022

Sweetspot

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



25.3880, 0.1844, 0.1771



69.6149, 0.2695, 0.2918



68.4354, 0.2715, 0.4904



14.1988, 0.2639, 0.2863



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.



25.3880, 0.1844, 0.1771



23.3570, 0.1774, 0.1587



7.8159, 0.1547, 0.0685



17.3307, 0.2980, 0.3172



11.8028, 0.1783, 0.1618



1.2431, 0.1845, 0.1841

Inverse Universe

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



22.3584, 0.4706, 0.2425



22.8890, 0.4948, 0.2499



84.1574, 0.4200, 0.5000



16.6243, 0.3213, 0.3169



11.2909, 0.4908, 0.2477



1.0131, 0.4637, 0.2328

Previews

White Background



This preview shows how the Yxy color 25.3873, 0.1844, 0.1771 looks on a white background.

Color Contrast Check

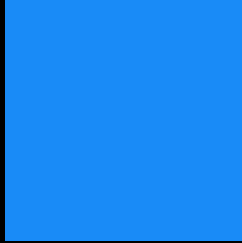
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3873, 0.1844, 0.1771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

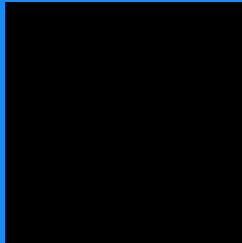
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

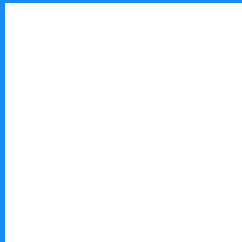
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.3873, 0.1844, 0.1771

Background



This preview shows how black text looks on a background with the Yxy color 25.3873, 0.1844, 0.1771.



This preview shows how white text looks on a background with the Yxy color 25.3873, 0.1844, 0.1771.

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

25.3873, 0.1844, 0.1771

Protanopia

25.1522, 0.2015, 0.1797

Deuteranopia

25.2662, 0.1832, 0.1768



Tritanopia

25.1008, 0.2189, 0.3080

Trichromacy



Original Color

25.3873, 0.1844, 0.1771

Protanomaly

24.9228, 0.1928, 0.1779

Deuteranomaly

25.3092, 0.1836, 0.1769

Tritanomaly

24.8206, 0.2031, 0.2485

Monochromacy



Original Color

25.3873, 0.1844, 0.1771

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

19.2324, 0.2364, 0.2570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3873, 0.1844, 0.1771 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(25, 139, 247)` looks like.

```
.text, #text, p{  
    color:rgb(25, 139, 247)  
}
```

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(25, 139, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 139, 247) }
```

Border

The CSS property to change the border of an element to Yxy 25.3873, 0.1844, 0.1771 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(25, 139, 247) }
```

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

```
.border{ border-color:rgb(25, 139, 247) }
```

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

Here you see how a box with a 4 pixel rgb(25, 139, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 139, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 139, 247);  
box-shadow:4px 4px 4px 4px rgb(25, 139,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3873, 0.1844, 0.1771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 139, 247) }
```

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

```
.background{ background-color: rgb(25, 139,  
247) }
```

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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