

Converting Colors

$Y_{xy}(17.9858, 0.1896, 0.1272)$

Have a look what the booklet for
Yxy(17.9858, 0.1896, 0.1272)
contains.

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Color

Yxy(17.9129, 0.1893, 0.1268)

Conversions

Conversions Part 1

Format	Color
Hex	5D60FF
RGB	93, 96, 255
RGB Percent	36%, 38%, 100%
CMY	0.6352, 0.6235, 0.0002
CMYK	0.64, 0.62, 0.00, 0.00
HSL	239°, 100%, 68%
HSV	239°, 64%, 100%
XYZ	26.7422, 17.9129, 96.6138
YIQ	113.2290, -52.8270, 48.8130

Conversions

Conversions Part 2

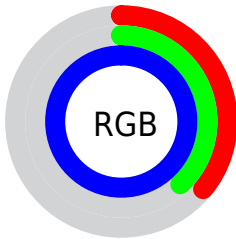
Format	Color
R _Y B	93, 96, 255
Decimal	6119679
CIE Lab	49.39, 45.78, -79.44
CIE LCh	49, 91.691, 299.953
Yxy	17.9129, 0.1893, 0.1268
Android (android.graphics.Color)	4284309759 (0xFF5D60FF)
YUV	113.2290, 69.8931, -17.7408
Hunter-Lab	42.3236, 38.7189, -105.7171

Details

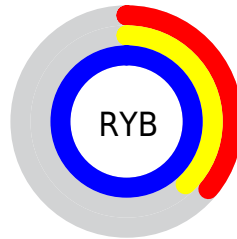
The Yxy color **17.9129, 0.1893, 0.1268** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **91.6429, 0.4029, 0.4734**, and the grayscale version is **16.3887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3565, 0.2404, 0.1996**, and **6.2278, 0.1578, 0.0879** is the 20% darker color. If you saturate the color by 10%, you get **12.9338, 0.1723, 0.0984**, and if you desaturate by 10%, it is **24.7889, 0.2094, 0.1601**.

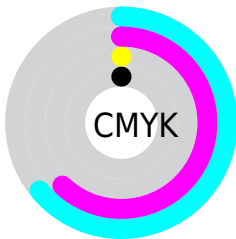
Distribution



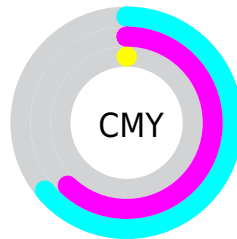
- Red (36%)
- Green (38%)
- Blue (100%)



- Red (36%)
- Yellow (38%)
- Blue (100%)



- Cyan (64%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.9129, 0.1893, 0.1268 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 17.9129, 0.1893, 0.1268 by changing the saturation by 10% instead.


 17.9129, 0.1893,
0.1268


 17.9129, 0.1893,
0.1268


240.3796, 0.2557,
0.2207


 10.8875, 0.1729,
0.1075


 39.8889, 0.2136,
0.1581

 5.9912, 0.1527,
0.0855


 55.6082, 0.2228,
0.1708

 2.8397, 0.1276,
0.0611


 74.9942, 0.2305,
0.1818

 1.0486, 0.0969,
0.0357

 98.4314, 0.2371,
0.1915

 0.0000, 0.0620,
0.0000

126.3042, 0.2427,
0.2001

 0.0000, 0.0001,
0.0000

158.9969, 0.2476,

 0.0000, 0.0000,

0.2077

0.0000

196.8939, 0.2519,
0.2145

■ 17.9129, 0.1893,
0.1268

■ 17.9129, 0.1893,
0.1268

■ 12.9338, 0.1723,
0.0984

■ 24.7889, 0.2094,
0.1601

■ 9.6608, 0.1598,
0.0773

■ 33.7250, 0.2309,
0.1955

■ 7.8658, 0.1525,
0.0647

■ 44.8680, 0.2523,
0.2306

■ 7.3187, 0.1502,
0.0608

■ 58.3514, 0.2725,
0.2637

■ 74.2979, 0.2910,
0.2937

92.8216, 0.3074,
0.3204

99.9968, 0.3127,
0.3290

Harmonies

Analogous

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



17.9129, 0.1125, 0.1185



17.9129, 0.1893, 0.1268



17.9129, 0.3315, 0.1657

Triad

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



17.9129, 0.1893, 0.1268



17.9129, 0.5938, 0.3973



17.9129, 0.1227, 0.4204

Complementary

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



17.9129, 0.1893, 0.1268



91.6429, 0.4029, 0.4734

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.



17.9129, 0.2232, 0.6332



17.9129, 0.1893, 0.1268



17.9129, 0.4875, 0.5125

Square

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



17.9129, 0.1893, 0.1268



17.9129, 0.6198, 0.3096



17.9129, 0.3533, 0.6326



17.9129, 0.0804, 0.2284

Rectangle

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



17.9129, 0.1893, 0.1268



17.9129, 0.4549, 0.2080



17.9129, 0.3533, 0.6326



17.9129, 0.1502, 0.5034

Sweetspot

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



17.9133, 0.1893, 0.1268



65.2609, 0.2811, 0.2776



80.6915, 0.2386, 0.3352



13.0216, 0.2757, 0.2688



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.



17.9133, 0.1893, 0.1268



11.9726, 0.1687, 0.0924



23.4408, 0.2408, 0.1477



17.4313, 0.2978, 0.3049



3.8491, 0.1503, 0.0611



0.3928, 0.1511, 0.0637

Inverse Universe

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



29.9293, 0.5162, 0.3270



24.9979, 0.5746, 0.3274



81.9094, 0.3492, 0.5071



17.9925, 0.3292, 0.3286



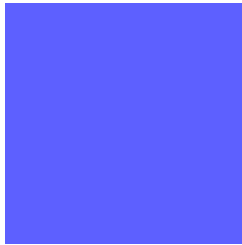
11.1165, 0.6382, 0.3289



1.0842, 0.6337, 0.3265

Previews

White Background



This preview shows how the Yxy color 17.9129, 0.1893, 0.1268 looks on a white background.

Color Contrast Check

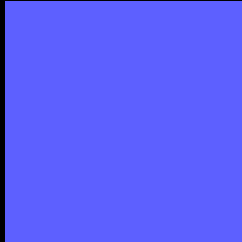
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.9129, 0.1893, 0.1268 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 17.9129, 0.1893, 0.1268

Background



This preview shows how black text looks on a background with the Yxy color 17.9129, 0.1893, 0.1268.



This preview shows how white text looks on a background with the Yxy color 17.9129, 0.1893, 0.1268.

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

17.9129, 0.1893, 0.1268

Protanopia

17.7614, 0.1737, 0.1454

Deuteranopia

17.8407, 0.1851, 0.1861



Tritanopia

17.6955, 0.2202, 0.3049

Trichromacy



Original Color

17.9129, 0.1893, 0.1268

Protanomaly

17.1798, 0.1743, 0.1352

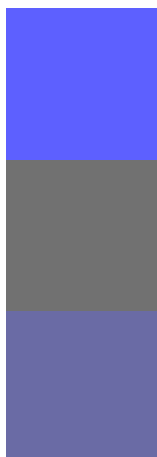
Deuteranomaly

17.0367, 0.1808, 0.1566

Tritanomaly

16.6136, 0.1999, 0.2102

Monochromacy



Original Color

17.9129, 0.1893, 0.1268

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.2962, 0.2496, 0.2261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9129, 0.1893, 0.1268 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(93, 96, 255)` looks like.

```
.text, #text, p{  
    color:rgb(93, 96, 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(93, 96, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 96, 255) }
```

Border

The CSS property to change the border of an element to Yxy 17.9129, 0.1893, 0.1268 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(93, 96, 255) }
```

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

```
.border{ border-color:rgb(93, 96, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 96, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 96, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 96, 255);  
box-shadow:4px 4px 4px 4px rgb(93, 96,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9129, 0.1893, 0.1268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 96, 255) }
```

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

```
.background{ background-color: rgb(93, 96,  
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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