

Converting Colors

$Yxy(18.9289, 0.1924, 0.1541)$

Have a look what the booklet for
Yxy(18.9289, 0.1924, 0.1541)
contains.

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Color

Yxy(18.8872, 0.1923, 0.1539)

Conversions

Conversions Part 1

Format	Color
Hex	4D6FEA
RGB	77, 111, 234
RGB Percent	30%, 44%, 92%
CMY	0.6977, 0.5648, 0.0824
CMYK	0.67, 0.53, 0.00, 0.08
HSL	227°, 79%, 61%
HSV	227°, 67%, 92%
XYZ	23.5998, 18.8872, 80.2369
YIQ	114.8560, -59.7470, 31.0450

Conversions

Conversions Part 2

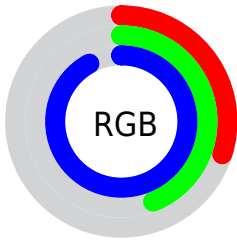
Format	Color
R_{YB}	77, 105, 234
Decimal	5074922
CIE _{Lab}	50.55, 27.39, -65.90
CIE _{LCh}	51, 71.363, 292.568
Yxy	18.8872, 0.1923, 0.1539
Android (android.graphics.Color)	4283265002 (0xFF4D6FEA)
YUV	114.8560, 58.7380, -33.1997
Hunter-Lab	43.4594, 20.8770, -79.0425

Details

The Yxy color **18.8872, 0.1923, 0.1539** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **59.3774, 0.4275, 0.4537**, and the grayscale version is **16.9369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7234, 0.2324, 0.2145**, and **6.8411, 0.1655, 0.1159** is the 20% darker color. If you saturate the color by 10%, you get **14.4822, 0.1771, 0.1267**, and if you desaturate by 10%, it is **24.4651, 0.2100, 0.1831**.

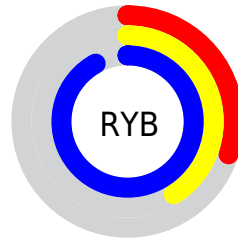
Distribution



Red (30%)

Green (44%)

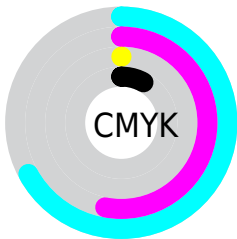
Blue (92%)



Red (30%)

Yellow (41%)

Blue (92%)

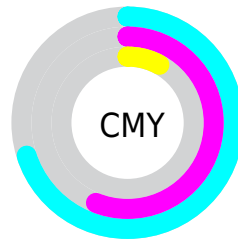


Cyan (67%)

Magenta (53%)

Yellow (0%)

Black (8%)



Cyan (70%)


Magenta (56%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.8872, 0.1923, 0.1539 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 18.8872, 0.1923, 0.1539 by changing the saturation by 10% instead.


 18.8872, 0.1923,
0.1539


 18.8872, 0.1923,
0.1539


245.8253, 0.2570,
0.2399


 11.5888, 0.1760,
0.1345


 41.5434, 0.2162,
0.1839


 6.4643, 0.1555,
0.1115


 57.6700, 0.2251,
0.1956

 3.1294, 0.1296,
0.0843

 77.5081, 0.2326,
0.2057

 1.1997, 0.0972,
0.0537

 101.4422, 0.2390,
0.2144

 0.0614, 0.0593,
0.0050

129.8565, 0.2444,
0.2220

 0.0000, 0.0000,
0.0000

163.1355, 0.2492,

0.2287

201.6637, 0.2533,
0.2346

■ 18.8872, 0.1923,
0.1539

■ 18.8872, 0.1923,
0.1539

■ 14.4822, 0.1771,
0.1267

■ 24.4651, 0.2100,
0.1831

■ 11.1584, 0.1653,
0.1033

■ 31.2944, 0.2290,
0.2128


■ 8.8088, 0.1575,
0.0848


■ 39.4483, 0.2484,
0.2415


■ 8.2694, 0.1557,
0.0804

■ 48.9935, 0.2673,
0.2684

■ 59.9925, 0.2853,
0.2930

 72.5035, 0.3019,
0.3150

 86.5817, 0.3170,
0.3345

 98.7200, 0.3250,
0.3493

Harmonies

Analogous

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



18.8872, 0.1333, 0.1547



18.8872, 0.1923, 0.1539



18.8872, 0.2978, 0.1824

Triad

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



18.8872, 0.1923, 0.1539



18.8872, 0.5596, 0.3859



18.8872, 0.1804, 0.4439

Complementary

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



18.8872, 0.1923, 0.1539



59.3774, 0.4275, 0.4537

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.



18.8872, 0.2802, 0.5704



18.8872, 0.1923, 0.1539



18.8872, 0.4962, 0.4747

Square

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



18.8872, 0.1923, 0.1539



18.8872, 0.5442, 0.3079



18.8872, 0.3935, 0.5595



18.8872, 0.1240, 0.2854

Rectangle

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



18.8872, 0.1923, 0.1539



18.8872, 0.3899, 0.2165



18.8872, 0.3935, 0.5595



18.8872, 0.2100, 0.4979

Sweetspot

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



18.8877, 0.1923, 0.1539



68.6683, 0.2800, 0.2858



64.5921, 0.2490, 0.3748



13.8839, 0.2749, 0.2789



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.



18.8877, 0.1923, 0.1539



16.1225, 0.1728, 0.1184



15.3639, 0.2117, 0.1277



15.0765, 0.2980, 0.3100



4.7972, 0.1563, 0.0826



0.5148, 0.1632, 0.1075

Inverse Universe

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



23.9581, 0.4872, 0.2958



24.4553, 0.5415, 0.2976



70.2652, 0.3706, 0.5019



15.1073, 0.3259, 0.3239



9.9771, 0.6028, 0.3094



0.7974, 0.5647, 0.2885

Previews

White Background



This preview shows how the Yxy color 18.8872, 0.1923, 0.1539 looks on a white background.

Color Contrast Check

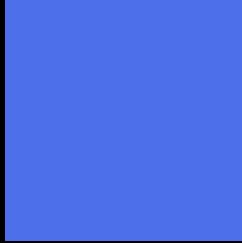
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.8872, 0.1923, 0.1539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

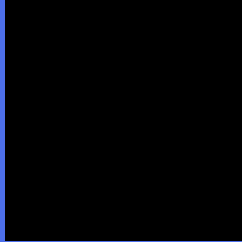
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.8872, 0.1923, 0.1539

Background



This preview shows how black text looks on a background with the Yxy color 18.8872, 0.1923, 0.1539.



This preview shows how white text looks on a background with the Yxy color 18.8872, 0.1923, 0.1539.

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

18.8872, 0.1923, 0.1539

Protanopia

18.8868, 0.1791, 0.1505

Deuteranopia

18.7232, 0.1837, 0.1813



Tritanopia

18.7582, 0.2188, 0.3075

Trichromacy



Original Color

18.8872, 0.1923, 0.1539

Protanomaly

18.8791, 0.1830, 0.1520

Deuteranomaly

18.4242, 0.1830, 0.1685

Tritanomaly

18.0487, 0.2021, 0.2331

Monochromacy



Original Color

18.8872, 0.1923, 0.1539

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

17.2700, 0.2523, 0.2482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.8872, 0.1923, 0.1539 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(77, 111, 234)` looks like.

```
.text, #text, p{  
    color:rgb(77, 111, 234)  
}
```

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(77, 111, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 111, 234) }
```

Border

The CSS property to change the border of an element to Yxy 18.8872, 0.1923, 0.1539 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(77, 111, 234) }
```

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

```
.border{ border-color:rgb(77, 111, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 111, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 111, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 111, 234);  
box-shadow:4px 4px 4px 4px rgb(77, 111,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 18.8872, 0.1923, 0.1539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 111, 234) }
```

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

```
.background{ background-color: rgb(77, 111,  
234) }
```

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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