

Converting Colors

$Yxy(19.5385, 0.1936, 0.1444)$

Have a look what the booklet for
Yxy(19.5385, 0.1936, 0.1444)
contains.

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Color

Yxy(19.5526, 0.1937, 0.1445)

Conversions

Conversions Part 1

Format	Color
Hex	5A6CF6
RGB	90, 108, 246
RGB Percent	35%, 42%, 96%
CMY	0.6470, 0.5764, 0.0354
CMYK	0.63, 0.56, 0.00, 0.04
HSL	233°, 90%, 66%
HSV	233°, 63%, 96%
XYZ	26.2100, 19.5526, 89.5496
YIQ	118.3500, -55.0260, 39.1020

Conversions

Conversions Part 2

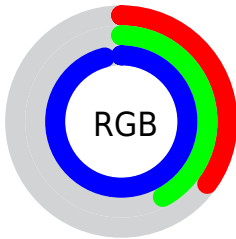
Format	Color
R _Y B	90, 106, 246
Decimal	5926134
CIE Lab	51.33, 35.24, -71.30
CIE LCh	51, 79.535, 296.301
Yxy	19.5526, 0.1937, 0.1445
Android (android.graphics.Color)	4284116214 (0xFF5A6CF6)
YUV	118.3500, 62.9315, -24.8629
Hunter-Lab	44.2183, 28.4220, -89.1194

Details

The Yxy color **19.5526, 0.1937, 0.1445** 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 **75.7999, 0.4117, 0.4618**, and the grayscale version is **18.0467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8863, 0.2399, 0.2131**, and **7.0116, 0.1625, 0.1050** is the 20% darker color. If you saturate the color by 10%, you get **14.4852, 0.1768, 0.1155**, and if you desaturate by 10%, it is **26.1742, 0.2131, 0.1765**.

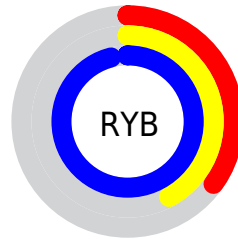
Distribution



Red (35%)

Green (42%)

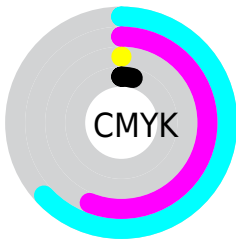
Blue (96%)



Red (35%)

Yellow (42%)

Blue (96%)

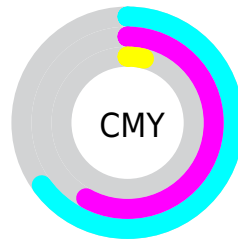


Cyan (63%)

Magenta (56%)

Yellow (0%)

Black (4%)



Cyan (65%)


Magenta (58%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5526, 0.1937, 0.1445 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 19.5526, 0.1937, 0.1445 by changing the saturation by 10% instead.


 19.5526, 0.1937,
0.1445


 19.5526, 0.1937,
0.1445


249.4827, 0.2574,
0.2326


 12.0702, 0.1779,
0.1254


 42.6658, 0.2171,
0.1746


 6.7915, 0.1581,
0.1031


 59.0654, 0.2258,
0.1865

 3.3321, 0.1333,
0.0774

 79.2063, 0.2332,
0.1969

 1.3075, 0.1023,
0.0491

 103.4728, 0.2395,
0.2059

 0.1470, 0.0662,
0.0096

132.2492, 0.2449,
0.2138

 0.0000, 0.0000,
0.0000

165.9201, 0.2496,

0.2208

204.8698, 0.2537,
0.2270

■ 19.5526, 0.1937,
0.1445

■ 19.5526, 0.1937,
0.1445

■ 14.4852, 0.1768,
0.1155

■ 26.1742, 0.2131,
0.1765

■ 10.8415, 0.1637,
0.0915

■ 34.4625, 0.2335,
0.2092


■ 8.4718, 0.1552,
0.0743


■ 44.5216, 0.2539,
0.2410

■ 7.4993, 0.1519,
0.0668

■ 56.4462, 0.2734,
0.2707

■ 70.3247, 0.2913,
0.2977

 86.2393, 0.3076,
0.3216

 99.4314, 0.3180,
0.3377

Harmonies

Analogous

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



19.5526, 0.1269, 0.1409



19.5526, 0.1937, 0.1445



19.5526, 0.3130, 0.1779

Triad

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



19.5526, 0.1937, 0.1445



19.5526, 0.5722, 0.3937



19.5526, 0.1574, 0.4319

Complementary

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



19.5526, 0.1937, 0.1445



75.7999, 0.4117, 0.4618

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.



19.5526, 0.2577, 0.5894



19.5526, 0.1937, 0.1445



19.5526, 0.4924, 0.4915

Square

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



19.5526, 0.1937, 0.1445



19.5526, 0.5732, 0.3120



19.5526, 0.3776, 0.5858



19.5526, 0.1068, 0.2618

Rectangle

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



19.5526, 0.1937, 0.1445



19.5526, 0.4160, 0.2155



19.5526, 0.3776, 0.5858



19.5526, 0.1863, 0.4961

Sweetspot

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



19.5531, 0.1937, 0.1445



67.5762, 0.2814, 0.2828



73.6514, 0.2440, 0.3515



13.5676, 0.2762, 0.2750



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.



19.5531, 0.1937, 0.1445



14.4892, 0.1728, 0.1083



20.4333, 0.2302, 0.1433



16.2343, 0.2979, 0.3074



4.1052, 0.1523, 0.0683



0.4590, 0.1568, 0.0843

Inverse Universe

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



27.9854, 0.4951, 0.3123



25.2519, 0.5523, 0.3134



77.0889, 0.3581, 0.5011



16.5136, 0.3275, 0.3263



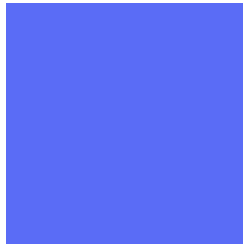
10.5138, 0.6261, 0.3223



0.9340, 0.6002, 0.3080

Previews

White Background



This preview shows how the Yxy color 19.5526, 0.1937, 0.1445 looks on a white background.

Color Contrast Check

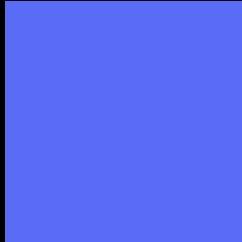
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5526, 0.1937, 0.1445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

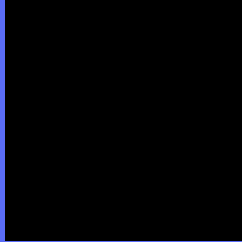
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5526, 0.1937, 0.1445

Background



This preview shows how black text looks on a background with the Yxy color 19.5526, 0.1937, 0.1445.



This preview shows how white text looks on a background with the Yxy color 19.5526, 0.1937, 0.1445.

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

19.5526, 0.1937, 0.1445

Protanopia

19.5621, 0.1735, 0.1447

Deuteranopia

19.3732, 0.1838, 0.1817



Tritanopia

19.3705, 0.2238, 0.3059

Trichromacy



Original Color

19.5526, 0.1937, 0.1445

Protanomaly

19.1353, 0.1761, 0.1428

Deuteranomaly

18.8263, 0.1824, 0.1637

Tritanomaly

18.7747, 0.2073, 0.2264

Monochromacy



Original Color

19.5526, 0.1937, 0.1445

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.9394, 0.2533, 0.2392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5526, 0.1937, 0.1445 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(90, 108, 246)` looks like.

```
.text, #text, p{  
    color:rgb(90, 108, 246)  
}
```

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(90, 108, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 108, 246) }
```

Border

The CSS property to change the border of an element to Yxy 19.5526, 0.1937, 0.1445 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(90, 108, 246) }
```

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

```
.border{ border-color:rgb(90, 108, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 108, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 108, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 108, 246);  
box-shadow:4px 4px 4px 4px rgb(90, 108,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5526, 0.1937, 0.1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 108, 246) }
```

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

```
.background{ background-color: rgb(90, 108,  
246) }
```

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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