

Converting Colors

$Y_{xy}(18.1548, 0.1998, 0.1525)$

Have a look what the booklet for
Yxy(18.1548, 0.1998, 0.1525)
contains.

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Color

Yxy(18.0916, 0.1997, 0.1521)

Conversions

Conversions Part 1

Format	Color
Hex	5C69E6
RGB	92, 105, 230
RGB Percent	36%, 41%, 90%
CMY	0.6389, 0.5883, 0.0981
CMYK	0.60, 0.54, 0.00, 0.10
HSL	234°, 73%, 63%
HSV	234°, 60%, 90%
XYZ	23.7534, 18.0916, 77.1004
YIQ	115.3630, -47.8730, 36.1190

Conversions

Conversions Part 2

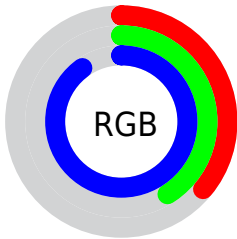
Format	Color
R _Y B	92, 104, 230
Decimal	6056422
CIE Lab	49.61, 32.15, -65.15
CIE LCh	50, 72.651, 296.269
Yxy	18.0916, 0.1997, 0.1521
Android (android.graphics.Color)	4284246502 (0xFF5C69E6)
YUV	115.3630, 56.5160, -20.4894
Hunter-Lab	42.5342, 25.2491, -77.6991

Details

The Yxy color **18.0916, 0.1997, 0.1521** 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 **67.2733, 0.4050, 0.4586**, and the grayscale version is **17.1008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7692, 0.2387, 0.2093**, and **6.0432, 0.1637, 0.1092** is the 20% darker color. If you saturate the color by 10%, you get **13.3427, 0.1817, 0.1217**, and if you desaturate by 10%, it is **24.2420, 0.2198, 0.1850**.

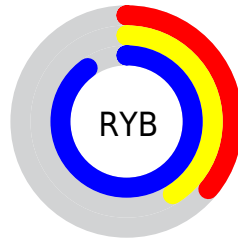
Distribution



Red (36%)

Green (41%)

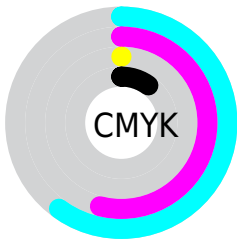
Blue (90%)



Red (36%)

Yellow (41%)

Blue (90%)

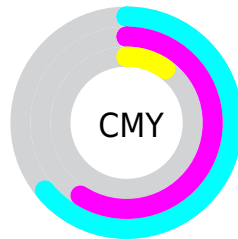


Cyan (60%)

Magenta (54%)

Yellow (0%)

Black (10%)



Cyan (64%)

Magenta (59%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.0916, 0.1997, 0.1521 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 18.0916, 0.1997, 0.1521 by changing the saturation by 10% instead.

■ 18.0916, 0.1997,
0.1521

■ 18.0916, 0.1997,
0.1521

241.3868, 0.2614,
0.2390

■ 11.0158, 0.1838,
0.1325

■ 40.1933, 0.2228,
0.1824

■ 6.0774, 0.1636,
0.1092

■ 55.9881, 0.2313,
0.1942

■ 2.8922, 0.1377,
0.0819

■ 75.4578, 0.2384,
0.2044

■ 1.0757, 0.1046,
0.0511

■ 98.9871, 0.2445,
0.2132

■ 0.0000, 0.0654,
0.0000

126.9603, 0.2496,
0.2209

■ 0.0000, 0.0000,
0.0000

159.7617, 0.2541,

0.2277

197.7757, 0.2580,
0.2337

■ 18.0916, 0.1997,
0.1521

■ 18.0916, 0.1997,
0.1521

■ 13.3427, 0.1817,
0.1217

■ 24.2420, 0.2198,
0.1850

■ 9.8824, 0.1671,
0.0960

■ 31.8912, 0.2405,
0.2181

■ 7.5832, 0.1571,
0.0769

■ 41.1300, 0.2607,
0.2499


■ 6.2717, 0.1515,
0.0652


■ 52.0411, 0.2798,
0.2793

■ 6.2683, 0.1515,
0.0652

■ 64.7018, 0.2972,
0.3057

 79.1844, 0.3128,
0.3291

 95.5570, 0.3265,
0.3495

 98.4930, 0.3274,
0.3532

Harmonies

Analogous

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



18.0916, 0.1346, 0.1489



18.0916, 0.1997, 0.1521



18.0916, 0.3136, 0.1846

Triad

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



18.0916, 0.1997, 0.1521



18.0916, 0.5609, 0.3956



18.0916, 0.1664, 0.4257

Complementary

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



18.0916, 0.1997, 0.1521



67.2733, 0.4050, 0.4586

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.



18.0916, 0.2638, 0.5708



18.0916, 0.1997, 0.1521



18.0916, 0.4875, 0.4880

Square

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



18.0916, 0.1997, 0.1521



18.0916, 0.5585, 0.3155



18.0916, 0.3793, 0.5731



18.0916, 0.1159, 0.2674

Rectangle

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



18.0916, 0.1997, 0.1521



18.0916, 0.4102, 0.2212



18.0916, 0.3793, 0.5731



18.0916, 0.1946, 0.4844

Sweetspot

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



18.0921, 0.1997, 0.1521



68.5763, 0.2832, 0.2844



63.8402, 0.2453, 0.3469



13.7406, 0.2778, 0.2763



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.



18.0921, 0.1997, 0.1521



15.6484, 0.1778, 0.1149



19.6079, 0.2380, 0.1546



14.1028, 0.2980, 0.3070



3.6260, 0.1518, 0.0665



0.3426, 0.1562, 0.0824

Inverse Universe

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



25.5109, 0.4831, 0.3159



26.5316, 0.5398, 0.3161



66.4607, 0.3552, 0.4931



14.3898, 0.3278, 0.3268



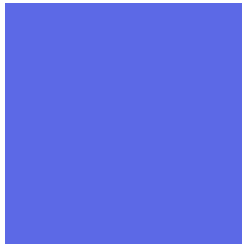
9.5638, 0.6291, 0.3239



0.7143, 0.6031, 0.3096

Previews

White Background



This preview shows how the Yxy color 18.0916, 0.1997, 0.1521 looks on a white background.

Color Contrast Check

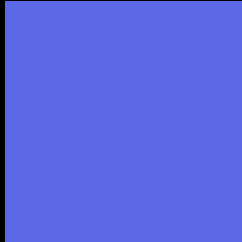
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0916, 0.1997, 0.1521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

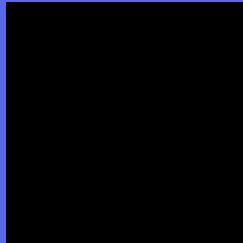
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0916, 0.1997, 0.1521

Background



This preview shows how black text looks on a background with the Yxy color 18.0916, 0.1997, 0.1521.



This preview shows how white text looks on a background with the Yxy color 18.0916, 0.1997, 0.1521.

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

18.0916, 0.1997, 0.1521

Protanopia

18.1910, 0.1756, 0.1467

Deuteranopia

18.0364, 0.1839, 0.1820



Tritanopia

17.9805, 0.2327, 0.3055

Trichromacy



Original Color

18.0916, 0.1997, 0.1521

Protanomaly

17.7888, 0.1801, 0.1467

Deuteranomaly

17.5946, 0.1838, 0.1677

Tritanomaly

17.5353, 0.2167, 0.2325

Monochromacy



Original Color

18.0916, 0.1997, 0.1521

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.9290, 0.2585, 0.2454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0916, 0.1997, 0.1521 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(92, 105, 230)` looks like.

```
.text, #text, p{  
    color:rgb(92, 105, 230)  
}
```

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(92, 105, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 105, 230) }
```

Border

The CSS property to change the border of an element to Yxy 18.0916, 0.1997, 0.1521 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(92, 105, 230) }
```

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

```
.border{ border-color:rgb(92, 105, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 105, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 105, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 105, 230);  
box-shadow:4px 4px 4px 4px rgb(92, 105,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0916, 0.1997, 0.1521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 105, 230) }
```

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

```
.background{ background-color: rgb(92, 105,  
230) }
```

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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