

Converting Colors

$Yxy(18.3423, 0.2149, 0.1595)$

Have a look what the booklet for
Yxy(18.3423, 0.2149, 0.1595)
contains.

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Color

Yxy(18.4077, 0.2146, 0.1598)

Conversions

Conversions Part 1

Format	Color
Hex	6F67DF
RGB	111, 103, 223
RGB Percent	44%, 40%, 87%
CMY	0.5649, 0.5960, 0.1255
CMYK	0.50, 0.54, 0.00, 0.13
HSL	244°, 65%, 64%
HSV	244°, 54%, 87%
XYZ	24.7202, 18.4077, 72.0642
YIQ	119.0720, -33.7520, 39.0160

Conversions

Conversions Part 2

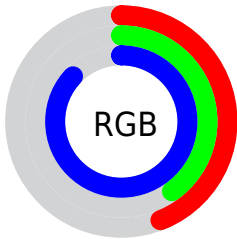
Format	Color
R_{YB}	111, 103, 223
Decimal	7301087
CIE _{Lab}	49.99, 34.73, -60.52
CIE _{LCh}	50, 69.782, 299.851
Yxy	18.4077, 0.2146, 0.1598
Android (android.graphics.Color)	4285491167 (0xFF6F67DF)
YUV	119.0720, 51.2365, -7.0791
Hunter-Lab	42.9042, 27.7645, -69.5537

Details

The Yxy color **18.4077, 0.2146, 0.1598** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **68.2147, 0.3841, 0.4606**, and the grayscale version is **18.3134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7662, 0.2493, 0.2102**, and **6.2713, 0.1815, 0.1179** is the 20% darker color. If you saturate the color by 10%, you get **13.3508, 0.1947, 0.1270**, and if you desaturate by 10%, it is **24.9634, 0.2354, 0.1948**.

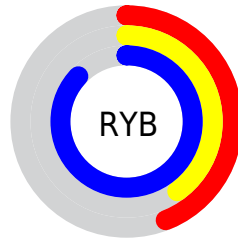
Distribution



Red (44%)

Green (40%)

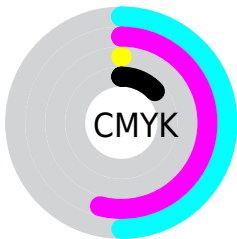
Blue (87%)



Red (44%)

Yellow (40%)

Blue (87%)

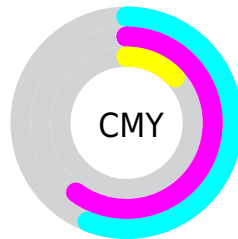


Cyan (50%)

Magenta (54%)

Yellow (0%)

Black (13%)



Cyan (56%)


Magenta (60%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4077, 0.2146, 0.1598 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 18.4077, 0.2146, 0.1598 by changing the saturation by 10% instead.


 18.4077, 0.2146,
0.1598


 18.4077, 0.2146,
0.1598


243.1591, 0.2692,
0.2435


 11.2431, 0.2000,
0.1406


 40.7308, 0.2353,
0.1892


 6.2306, 0.1812,
0.1175


 56.6581, 0.2429,
0.2006

 2.9858, 0.1565,
0.0898

 76.2751, 0.2492,
0.2104

 1.1243, 0.1237,
0.0579

 99.9662, 0.2544,
0.2188

 0.0000, 0.0834,
0.0000

128.1157, 0.2589,
0.2262

 0.0000, 0.0000,
0.0000

161.1081, 0.2628,

0.2327

199.3278, 0.2662,
0.2384

■ 18.4077, 0.2146,
0.1598

■ 18.4077, 0.2146,
0.1598

■ 13.3508, 0.1947,
0.1270

■ 24.9634, 0.2354,
0.1948

■ 9.6724, 0.1772,
0.0989

■ 33.1220, 0.2558,
0.2295

■ 7.2367, 0.1637,
0.0779


■ 42.9802, 0.2749,
0.2625


■ 5.8790, 0.1549,
0.0653

■ 54.6267, 0.2922,
0.2927

■ 5.4273, 0.1517,
0.0609

■ 68.1439, 0.3074,
0.3196

 83.6092, 0.3207,
0.3433

 98.1079, 0.3315,
0.3601

Harmonies

Analogous

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



18.4077, 0.1455, 0.1533



18.4077, 0.2146, 0.1598



18.4077, 0.3300, 0.1949

Triad

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



18.4077, 0.2146, 0.1598



18.4077, 0.5476, 0.4066



18.4077, 0.1639, 0.4013

Complementary

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



18.4077, 0.2146, 0.1598



68.2147, 0.3841, 0.4606

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.



18.4077, 0.2546, 0.5478



18.4077, 0.2146, 0.1598



18.4077, 0.4725, 0.4962

Square

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



18.4077, 0.2146, 0.1598



18.4077, 0.5540, 0.3267



18.4077, 0.3665, 0.5699



18.4077, 0.1193, 0.2574

Rectangle

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



18.4077, 0.2146, 0.1598



18.4077, 0.4230, 0.2325



18.4077, 0.3665, 0.5699



18.4077, 0.1896, 0.4572

Sweetspot

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



18.4083, 0.2146, 0.1598



70.1504, 0.2883, 0.2860



57.8404, 0.2426, 0.3209



14.2965, 0.2848, 0.2798



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.



18.4083, 0.2146, 0.1598



17.1276, 0.1916, 0.1219



23.4681, 0.2646, 0.1798



13.2863, 0.2991, 0.3048



3.2081, 0.1522, 0.0612



0.2378, 0.1584, 0.0646

Inverse Universe

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



30.3026, 0.3268, 0.2082



34.9807, 0.3301, 0.1888



60.9261, 0.3392, 0.4835



13.9192, 0.3148, 0.3074



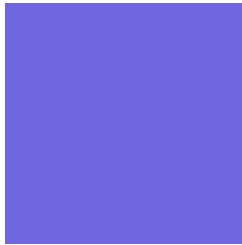
11.9161, 0.3382, 0.1637



0.8307, 0.3352, 0.1620

Previews

White Background



This preview shows how the Yxy color 18.4077, 0.2146, 0.1598 looks on a white background.

Color Contrast Check

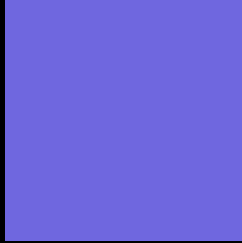
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4077, 0.2146, 0.1598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

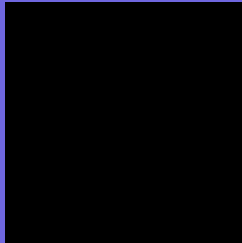
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4077, 0.2146, 0.1598

Background



This preview shows how black text looks on a background with the Yxy color 18.4077, 0.2146, 0.1598.

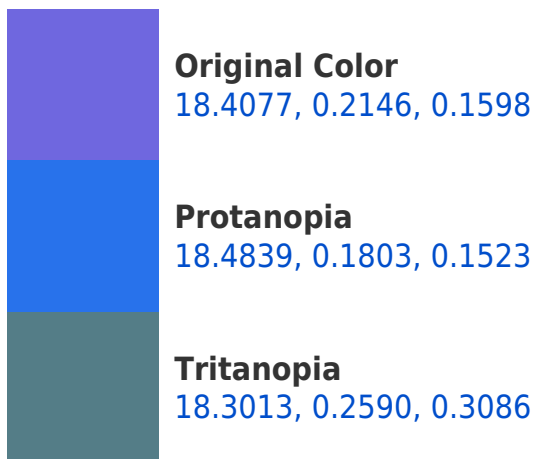


This preview shows how white text looks on a background with the Yxy color 18.4077, 0.2146, 0.1598.

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



Trichromacy



Original Color

18.4077, 0.2146, 0.1598

Protanomaly

18.0796, 0.1881, 0.1529

Tritanomaly

17.8923, 0.2396, 0.2388

Monochromacy



Original Color

18.4077, 0.2146, 0.1598

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.9576, 0.2684, 0.2511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4077, 0.2146, 0.1598 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(111, 103, 223)` looks like.

```
.text, #text, p{  
    color:rgb(111, 103, 223)  
}
```

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(111, 103, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 103, 223) }
```

Border

The CSS property to change the border of an element to Yxy 18.4077, 0.2146, 0.1598 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(111, 103, 223) }
```

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

```
.border{ border-color:rgb(111, 103, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 103, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 103, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 103, 223);  
box-shadow:4px 4px 4px 4px rgb(111, 103,  
223) }
```

Background

The CSS property to change the background color of an element to Yxy 18.4077, 0.2146, 0.1598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 103, 223) }
```

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

```
.background{ background-color: rgb(111,  
103, 223) }
```

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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