

Converting Colors

$Y_{xy}(18.3734, 0.2718, 0.2079)$

Have a look what the booklet for
Yxy(18.3734, 0.2718, 0.2079)
contains.

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Color

Yxy(18.3063, 0.2716, 0.2074)

Conversions

Conversions Part 1

Format	Color
Hex	8D65B5
RGB	141, 101, 181
RGB Percent	55%, 40%, 71%
CMY	0.4472, 0.6038, 0.2902
CMYK	0.22, 0.44, 0.00, 0.29
HSL	270°, 35%, 55%
HSV	270°, 44%, 71%
XYZ	23.9730, 18.3063, 45.9864
YIQ	122.0800, -1.8400, 33.3600

Conversions

Conversions Part 2

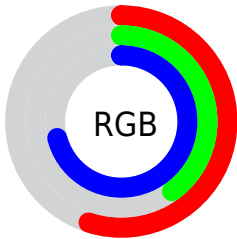
Format	Color
R_{YB}	141, 101, 181
Decimal	9266613
CIE _{Lab}	49.87, 32.01, -36.49
CIE _{LCh}	50, 48.542, 311.252
Yxy	18.3063, 0.2716, 0.2074
Android (android.graphics.Color)	4287456693 (0xFF8D65B5)
YUV	122.0800, 29.0476, 16.5928
Hunter-Lab	42.7859, 25.1384, -33.7750

Details

The Yxy color **18.3063, 0.2716, 0.2074** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **39.6571, 0.3397, 0.4510**, and the grayscale version is **19.3934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6327, 0.2818, 0.2316**, and **6.2286, 0.2534, 0.1699** is the 20% darker color. If you saturate the color by 10%, you get **14.4080, 0.2592, 0.1785**, and if you desaturate by 10%, it is **23.0451, 0.2830, 0.2369**.

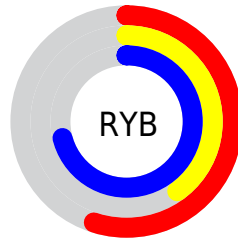
Distribution



Red (55%)

Green (40%)

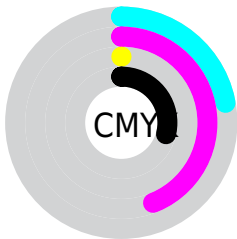
Blue (71%)



Red (55%)

Yellow (40%)

Blue (71%)

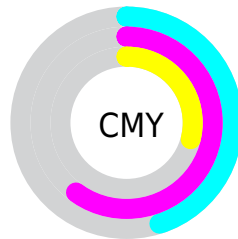


Cyan (22%)

Magenta (44%)

Yellow (0%)

Black (29%)



Cyan (45%)


Magenta (60%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3063, 0.2716, 0.2074 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 18.3063, 0.2716, 0.2074 by changing the saturation by 10% instead.


 18.3063, 0.2716,
0.2074


 18.3063, 0.2716,
0.2074


242.5919, 0.2963,
0.2711


 11.1701, 0.2639,
0.1910


 40.5586, 0.2817,
0.2311


 6.1814, 0.2531,
0.1698


 56.4434, 0.2851,
0.2398

 2.9557, 0.2371,
0.1419

 76.0133, 0.2879,
0.2472

 1.1086, 0.2117,
0.1045

 99.6526, 0.2902,
0.2534

 0.0000, 0.1780,
0.0000

127.7457, 0.2921,
0.2588

 0.0000, 0.0000,
0.0000

160.6771, 0.2937,

0.2634

198.8310, 0.2951,
0.2675

■ 18.3063, 0.2716,
0.2074

■ 18.3063, 0.2716,
0.2074

■ 14.4080, 0.2592,
0.1785

■ 23.0451, 0.2830,
0.2369

■ 11.2950, 0.2462,
0.1514

■ 28.6705, 0.2932,
0.2657

■ 8.9091, 0.2331,
0.1277


■ 35.2276, 0.3021,
0.2933

■ 7.1820, 0.2204,
0.1087

■ 42.7577, 0.3098,
0.3189

■ 6.0322, 0.2087,
0.0951


■ 51.2998, 0.3164,
0.3424

 5.5287, 0.2023,
0.0888

 60.8906, 0.3219,
0.3637

 71.5648, 0.3265,
0.3829

 83.3558, 0.3303,
0.4001

 90.4683, 0.3349,
0.4073

Harmonies

Analogous

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



18.3063, 0.2032, 0.1937



18.3063, 0.2716, 0.2074



18.3063, 0.3643, 0.2443

Triad

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



18.3063, 0.2716, 0.2074



18.3063, 0.4758, 0.4263



18.3063, 0.1869, 0.3410

Complementary

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



18.3063, 0.2716, 0.2074



39.6571, 0.3397, 0.4510

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.



18.3063, 0.2477, 0.4428



18.3063, 0.2716, 0.2074



18.3063, 0.4144, 0.4827

Square

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



18.3063, 0.2716, 0.2074



18.3063, 0.4933, 0.3611



18.3063, 0.3312, 0.4990



18.3063, 0.1604, 0.2549

Rectangle

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



18.3063, 0.2716, 0.2074



18.3063, 0.4257, 0.2790



18.3063, 0.3312, 0.4990



18.3063, 0.2035, 0.3758

Sweetspot

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



18.3070, 0.2716, 0.2074



64.3205, 0.3029, 0.2958



25.5532, 0.2431, 0.2651



13.3087, 0.3011, 0.2900



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.3070, 0.2716, 0.2074



25.9931, 0.2596, 0.1793



22.3117, 0.3161, 0.2222



8.4316, 0.3060, 0.3060



3.8525, 0.2036, 0.0895



0.1559, 0.2351, 0.1069

Inverse Universe

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



21.0609, 0.3687, 0.2722



31.8012, 0.3872, 0.2607



36.8340, 0.3073, 0.4641



8.5739, 0.3211, 0.3177



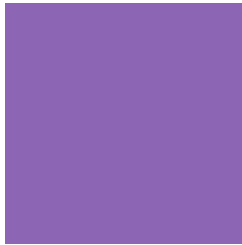
7.3026, 0.4926, 0.2487



0.2415, 0.4325, 0.2156

Previews

White Background



This preview shows how the Yxy color 18.3063, 0.2716, 0.2074 looks on a white background.

Color Contrast Check

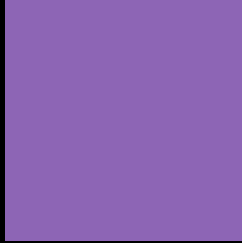
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3063, 0.2716, 0.2074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

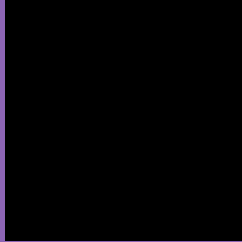
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3063, 0.2716, 0.2074

Background



This preview shows how black text looks on a background with the Yxy color 18.3063, 0.2716, 0.2074.

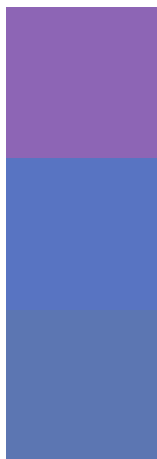


This preview shows how white text looks on a background with the Yxy color 18.3063, 0.2716, 0.2074.

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

18.3063, 0.2716, 0.2074

Protanopia

18.4605, 0.2174, 0.2006

Deuteranopia

18.4465, 0.2307, 0.2248



Tritanopia

18.2900, 0.3239, 0.3126

Trichromacy



Original Color

18.3063, 0.2716, 0.2074

Protanomaly

18.1688, 0.2335, 0.2027

Deuteranomaly

18.1580, 0.2436, 0.2172

Tritanomaly

18.1018, 0.3041, 0.2686

Monochromacy



Original Color

18.3063, 0.2716, 0.2074

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.6849, 0.2978, 0.2778

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3063, 0.2716, 0.2074 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(141, 101, 181)` looks like.

```
.text, #text, p{  
    color:rgb(141, 101, 181)  
}
```

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(141, 101, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 101, 181) }
```

Border

The CSS property to change the border of an element to Yxy 18.3063, 0.2716, 0.2074 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(141, 101, 181) }
```

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

```
.border{ border-color:rgb(141, 101, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 101, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 101, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 101, 181);  
box-shadow:4px 4px 4px 4px rgb(141, 101,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3063, 0.2716, 0.2074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 101, 181) }
```

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

```
.background{ background-color: rgb(141,  
101, 181) }
```

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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