

Converting Colors

$Yxy(18.2507, 0.2547, 0.1832)$

Have a look what the booklet for
Yxy(18.2507, 0.2547, 0.1832)
contains.

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Color

Yxy(18.2484, 0.2543, 0.1827)

Conversions

Conversions Part 1

Format	Color
Hex	8C61C7
RGB	140, 97, 199
RGB Percent	55%, 38%, 78%
CMY	0.4510, 0.6196, 0.2195
CMYK	0.30, 0.51, 0.00, 0.22
HSL	265°, 48%, 58%
HSV	265°, 51%, 78%
XYZ	25.3999, 18.2484, 56.2334
YIQ	121.4850, -7.1140, 40.8380

Conversions

Conversions Part 2

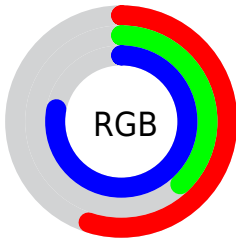
Format	Color
R_{YB}	140, 97, 199
Decimal	9200071
CIE _{Lab}	49.80, 38.45, -47.02
CIE _{LCh}	50, 60.744, 309.277
Yxy	18.2484, 0.2543, 0.1827
Android (android.graphics.Color)	4287390151 (0xFF8C61C7)
YUV	121.4850, 38.2149, 16.2377
Hunter-Lab	42.7181, 31.3782, -48.1456

Details

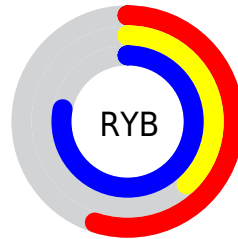
The Yxy color $18.2484, 0.2543, 0.1827$ is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be $48.7948, 0.3494, 0.4696$, and the grayscale version is $19.1613, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.4507, 0.2690, 0.2110$, and $6.1060, 0.2305, 0.1417$ is the 20% darker color. If you saturate the color by 10%, you get $14.0724, 0.2395, 0.1536$, and if you desaturate by 10%, it is $23.4530, 0.2684, 0.2132$.

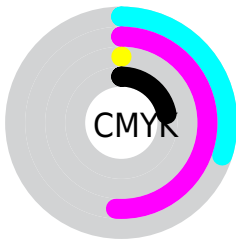
Distribution



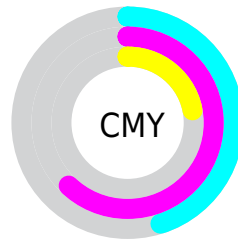
- Red (55%)
- Green (38%)
- Blue (78%)



- Red (55%)
- Yellow (38%)
- Blue (78%)



- Cyan (30%)
- Magenta (51%)
- Yellow (0%)
- Black (22%)





- Cyan (45%)
- Magenta (62%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.2484, 0.2543, 0.1827 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 18.2484, 0.2543, 0.1827 by changing the saturation by 10% instead.


 18.2484, 0.2543,
0.1827


 18.2484, 0.2543,
0.1827

242.2674, 0.2888,
0.2571


 11.1285, 0.2441,
0.1646


 40.4601, 0.2680,
0.2096

 6.1533, 0.2302,
0.1420


 56.3207, 0.2729,
0.2198

 2.9385, 0.2104,
0.1135

 75.8637, 0.2768,
0.2284

 1.0997, 0.1811,
0.0781

 99.4734, 0.2800,
0.2358

 0.0000, 0.1416,
0.0000

127.5342, 0.2827,
0.2422

 0.0000, 0.0000,
0.0000

160.4306, 0.2850,

0.2478

198.5468, 0.2870,
0.2527

■ 18.2484, 0.2543,
0.1827

■ 18.2484, 0.2543,
0.1827

■ 14.0724, 0.2395,
0.1536

■ 23.4530, 0.2684,
0.2132

■ 10.8495, 0.2246,
0.1275

■ 29.7503, 0.2813,
0.2437

■ 8.4963, 0.2103,
0.1060

■ 37.2015, 0.2929,
0.2731

■ 6.9137, 0.1974,
0.0902

■ 45.8625, 0.3030,
0.3006

■ 6.0034, 0.1875,
0.0807

■ 55.7854, 0.3117,
0.3260

■ 67.0195, 0.3191,
0.3489

■ 79.6112, 0.3254,
0.3695

■ 92.8214, 0.3308,
0.3868

■ 94.8136, 0.3384,
0.3854

Harmonies

Analogous

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



18.2484, 0.1772, 0.1683



18.2484, 0.2543, 0.1827



18.2484, 0.3672, 0.2234

Triad

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



18.2484, 0.2543, 0.1827



18.2484, 0.5103, 0.4313



18.2484, 0.1629, 0.3494

Complementary

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



18.2484, 0.2543, 0.1827



48.7948, 0.3494, 0.4696

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.



18.2484, 0.2353, 0.4841



18.2484, 0.2543, 0.1827



18.2484, 0.4343, 0.5077

Square

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



18.2484, 0.2543, 0.1827



18.2484, 0.5339, 0.3546



18.2484, 0.3350, 0.5457



18.2484, 0.1325, 0.2401

Rectangle

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



18.2484, 0.2543, 0.1827



18.2484, 0.4463, 0.2623



18.2484, 0.3350, 0.5457



18.2484, 0.1824, 0.3955

Sweetspot

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



18.2491, 0.2543, 0.1827



74.0182, 0.2992, 0.2900



30.6171, 0.2339, 0.2631



15.1493, 0.2970, 0.2841



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.



18.2491, 0.2543, 0.1827



23.5922, 0.2371, 0.1490



23.6894, 0.3090, 0.2036



10.5022, 0.3047, 0.3056



3.9082, 0.1889, 0.0814



0.2275, 0.2131, 0.0947

Inverse Universe

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



23.0971, 0.3715, 0.2536



33.4383, 0.3918, 0.2398



44.7569, 0.3106, 0.4882



10.7381, 0.3201, 0.3157



8.6236, 0.4612, 0.2314



0.4226, 0.4243, 0.2111

Previews

White Background



This preview shows how the Yxy color 18.2484, 0.2543, 0.1827 looks on a white background.

Color Contrast Check

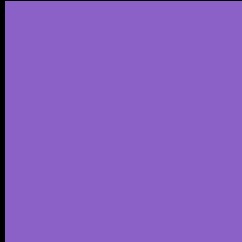
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2484, 0.2543, 0.1827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

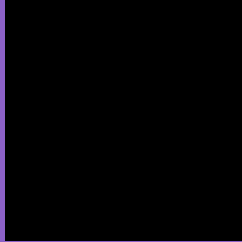
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.2484, 0.2543, 0.1827

Background



This preview shows how black text looks on a background with the Yxy color 18.2484, 0.2543, 0.1827.



This preview shows how white text looks on a background with the Yxy color 18.2484, 0.2543, 0.1827.

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

18.2484, 0.2543, 0.1827

Protanopia

18.5002, 0.1954, 0.1719

Deuteranopia

18.4283, 0.2081, 0.2026



Tritanopia

18.1523, 0.3161, 0.3123

Trichromacy



Original Color

18.2484, 0.2543, 0.1827

Protanomaly

17.7580, 0.2106, 0.1730

Deuteranomaly

17.8412, 0.2204, 0.1920

Tritanomaly

17.7848, 0.2912, 0.2550

Monochromacy



Original Color

18.2484, 0.2543, 0.1827

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.3475, 0.2900, 0.2644

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.2484, 0.2543, 0.1827 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(140, 97, 199)` looks like.

```
.text, #text, p{  
    color:rgb(140, 97, 199)  
}
```

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(140, 97, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 97, 199) }
```

Border

The CSS property to change the border of an element to Yxy 18.2484, 0.2543, 0.1827 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(140, 97, 199) }
```

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

```
.border{ border-color:rgb(140, 97, 199) }
```

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

Here you see how a box with a 4 pixel rgb(140, 97, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 97, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 97, 199);  
box-shadow:4px 4px 4px 4px rgb(140, 97,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 18.2484, 0.2543, 0.1827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 97, 199) }
```

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

```
.background{ background-color: rgb(140, 97,  
199) }
```

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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