

Converting Colors

$Y_{xy}(17.4104, 0.2593, 0.1860)$

Have a look what the booklet for
Yxy(17.4104, 0.2593, 0.1860)
contains.

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Color

Yxy(17.3001, 0.2587, 0.1852)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8B5EC0 |
| RGB | 139, 94, 192 |
| RGB Percent | 55%, 37%, 75% |
| CMY | 0.4549, 0.6314, 0.2470 |
| CMYK | 0.28, 0.51, 0.00, 0.25 |
| HSL | 268°, 44%, 56% |
| HSV | 268°, 51%, 75% |
| XYZ | 24.1660, 17.3001, 51.9470 |
| YIQ | 118.6270, -4.6380, 40.0180 |

Conversions

Conversions Part 2

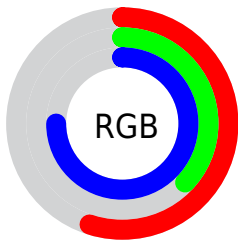
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 139, 94, 192 |
| Decimal | 9133760 |
| CIE _{Lab} | 48.64, 38.15, -44.84 |
| CIE _{LCh} | 49, 58.872, 310.396 |
| Yxy | 17.3001, 0.2587, 0.1852 |
| Android (android.graphics.Color) | 4287323840 (0xFF8B5EC0) |
| YUV | 118.6270, 36.1729, 17.8671 |
| Hunter-Lab | 41.5934, 30.9209, -44.9334 |

Details

The Yxy color **17.3001, 0.2587, 0.1852** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **44.7220, 0.3460, 0.4702**, and the grayscale version is **18.2092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9994, 0.2720, 0.2126**, and **5.7203, 0.2346, 0.1441** is the 20% darker color. If you saturate the color by 10%, you get **13.4481, 0.2448, 0.1567**, and if you desaturate by 10%, it is **22.0878, 0.2718, 0.2151**.

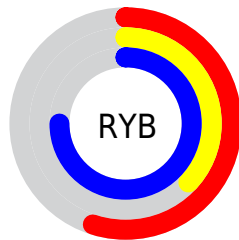
Distribution



Red (55%)

Green (37%)

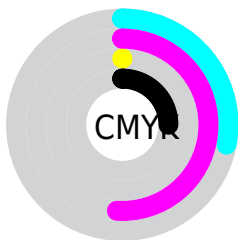
Blue (75%)



Red (55%)

Yellow (37%)

Blue (75%)

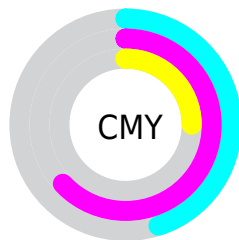


Cyan (28%)

Magenta (51%)

Yellow (0%)

Black (25%)



Cyan (45%)


Magenta (63%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3001, 0.2587, 0.1852 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 17.3001, 0.2587, 0.1852 by changing the saturation by 10% instead.


 17.3001, 0.2587,
0.1852


 17.3001, 0.2587,
0.1852


236.8959, 0.2911,
0.2591


 10.4487, 0.2489,
0.1669


 38.8410, 0.2718,
0.2122


 5.6975, 0.2353,
0.1439


 54.2993, 0.2763,
0.2223

 2.6620, 0.2156,
0.1146

 73.3954, 0.2799,
0.2309

 0.9579, 0.1859,
0.0779

 96.5136, 0.2830,
0.2382

 0.0000, 0.1440,
0.0000

124.0384, 0.2855,
0.2445

 0.0000, 0.0000,
0.0000

156.3541, 0.2876,

0.2500

193.8451, 0.2895,
0.2548

■ 17.3001, 0.2587,
0.1852

■ 17.3001, 0.2587,
0.1852

■ 13.4481, 0.2448,
0.1567

■ 22.0878, 0.2718,
0.2151

■ 10.4632, 0.2307,
0.1311

■ 27.8689, 0.2838,
0.2451

■ 8.2703, 0.2170,
0.1100

■ 34.6991, 0.2946,
0.2741

■ 6.7798, 0.2044,
0.0943

■ 42.6288, 0.3039,
0.3013

■ 5.8889, 0.1944,
0.0844

■ 51.7055, 0.3119,
0.3265

■ 61.9736, 0.3188,
0.3494

■ 73.4751, 0.3245,
0.3700

■ 86.2501, 0.3293,
0.3884

■ 92.5631, 0.3351,
0.3941

Harmonies

Analogous

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



17.3001, 0.1807, 0.1699



17.3001, 0.2587, 0.1852



17.3001, 0.3711, 0.2265

Triad

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



17.3001, 0.2587, 0.1852



17.3001, 0.5064, 0.4338



17.3001, 0.1627, 0.3444

Complementary

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



17.3001, 0.2587, 0.1852



44.7220, 0.3460, 0.4702

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.



17.3001, 0.2331, 0.4774



17.3001, 0.2587, 0.1852



17.3001, 0.4301, 0.5085

Square

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



17.3001, 0.2587, 0.1852



17.3001, 0.5317, 0.3575



17.3001, 0.3314, 0.5425



17.3001, 0.1338, 0.2384

Rectangle

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



17.3001, 0.2587, 0.1852



17.3001, 0.4485, 0.2655



17.3001, 0.3314, 0.5425



17.3001, 0.1816, 0.3895

Sweetspot

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



17.3008, 0.2587, 0.1852



70.9513, 0.3002, 0.2901



27.3384, 0.2333, 0.2581



14.5690, 0.2982, 0.2843



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



17.3008, 0.2587, 0.1852



23.7944, 0.2435, 0.1542



22.3919, 0.3128, 0.2057



9.9694, 0.3053, 0.3057



4.0068, 0.1957, 0.0851



0.2140, 0.2212, 0.0992

Inverse Universe

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



21.3217, 0.3763, 0.2587



32.2323, 0.3971, 0.2464



41.1639, 0.3084, 0.4881



10.1670, 0.3206, 0.3166



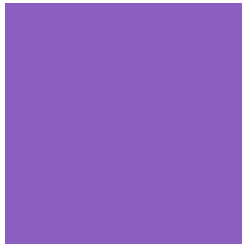
8.2272, 0.4766, 0.2399



0.3693, 0.4327, 0.2158

Previews

White Background



This preview shows how the Yxy color 17.3001, 0.2587, 0.1852 looks on a white background.

Color Contrast Check

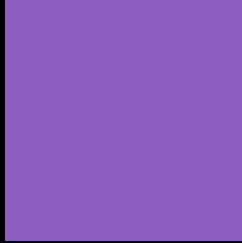
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3001, 0.2587, 0.1852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

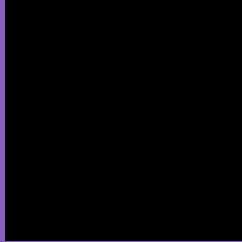
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3001, 0.2587, 0.1852

Background



This preview shows how black text looks on a background with the Yxy color 17.3001, 0.2587, 0.1852.



This preview shows how white text looks on a background with the Yxy color 17.3001, 0.2587, 0.1852.

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

17.3001, 0.2587, 0.1852

Protanopia

17.4704, 0.1970, 0.1737

Deuteranopia

17.4564, 0.2110, 0.2059



Tritanopia

17.3800, 0.3214, 0.3140

Trichromacy



Original Color

17.3001, 0.2587, 0.1852

Protanomaly

16.7946, 0.2132, 0.1751

Deuteranomaly

16.8860, 0.2236, 0.1949

Tritanomaly

17.0038, 0.2968, 0.2574

Monochromacy



Original Color

17.3001, 0.2587, 0.1852

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.6628, 0.2908, 0.2652

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3001, 0.2587, 0.1852 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(139, 94, 192)` looks like.

```
.text, #text, p{  
  color:rgb(139, 94, 192)  
}
```

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(139, 94, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 94, 192) }
```

Border

The CSS property to change the border of an element to Yxy 17.3001, 0.2587, 0.1852 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(139, 94, 192) }
```

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

```
.border{ border-color:rgb(139, 94, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 94, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 94, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 94, 192);  
box-shadow:4px 4px 4px 4px rgb(139, 94,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3001, 0.2587, 0.1852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 94, 192) }
```

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

```
.background{ background-color: rgb(139, 94,  
192) }
```

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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