

Converting Colors

$Y_{xy}(17.9826, 0.2634, 0.1909)$

Have a look what the booklet for
Yxy(17.9826, 0.2634, 0.1909)
contains.

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Color

Yxy(17.8781, 0.2631, 0.1901)

Conversions

Conversions Part 1

Format	Color
Hex	8E60BF
RGB	142, 96, 191
RGB Percent	56%, 38%, 75%
CMY	0.4430, 0.6235, 0.2511
CMYK	0.26, 0.50, 0.00, 0.25
HSL	269°, 43%, 56%
HSV	269°, 50%, 75%
XYZ	24.7434, 17.8781, 51.4242
YIQ	120.5840, -3.0790, 39.2970

Conversions

Conversions Part 2

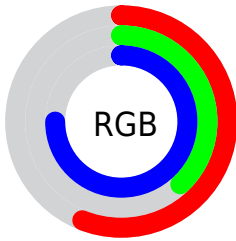
Format	Color
R _Y B	142, 96, 191
Decimal	9330879
CIE Lab	49.35, 37.59, -43.08
CIE LCh	49, 57.175, 311.103
Yxy	17.8781, 0.2631, 0.1901
Android (android.graphics.Color)	4287520959 (0xFF8E60BF)
YUV	120.5840, 34.7151, 18.7818
Hunter-Lab	42.2825, 30.4626, -42.5111

Details

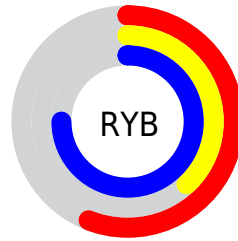
The Yxy color **17.8781, 0.2631, 0.1901** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **44.1116, 0.3433, 0.4673**, and the grayscale version is **18.8674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9629, 0.2753, 0.2165**, and **5.9630, 0.2418, 0.1494** is the 20% darker color. If you saturate the color by 10%, you get **13.9746, 0.2499, 0.1617**, and if you desaturate by 10%, it is **22.7063, 0.2755, 0.2197**.

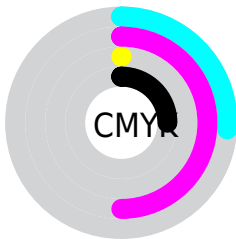
Distribution



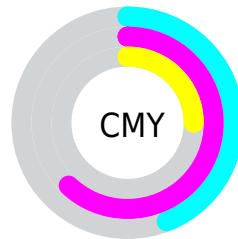
- Red (56%)
- Green (38%)
- Blue (75%)



- Red (56%)
- Yellow (38%)
- Blue (75%)



- Cyan (26%)
- Magenta (50%)
- Yellow (0%)
- Black (25%)





- Cyan (44%)
- Magenta (62%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.8781, 0.2631, 0.1901 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 17.8781, 0.2631, 0.1901 by changing the saturation by 10% instead.


 17.8781, 0.2631,
0.1901


 17.8781, 0.2631,
0.1901


240.1831, 0.2929,
0.2616


 10.8625, 0.2540,
0.1723


 39.8295, 0.2751,
0.2162


 5.9745, 0.2414,
0.1498


 55.5341, 0.2793,
0.2260

 2.8296, 0.2231,
0.1211

 74.9038, 0.2827,
0.2343

 1.0434, 0.1950,
0.0845

 98.3231, 0.2854,
0.2413

 0.0000, 0.1564,
0.0000

126.1762, 0.2878,
0.2474

 0.0000, 0.0000,
0.0000

158.8477, 0.2897,

0.2528

196.7218, 0.2914,
0.2574

■ 17.8781, 0.2631,
0.1901

■ 17.8781, 0.2631,
0.1901

■ 13.9746, 0.2499,
0.1617

■ 22.7063, 0.2755,
0.2197

■ 10.9293, 0.2364,
0.1361

■ 28.5150, 0.2868,
0.2493

■ 8.6699, 0.2231,
0.1147

■ 35.3582, 0.2968,
0.2779

■ 7.1105, 0.2106,
0.0985

■ 43.2850, 0.3055,
0.3048

■ 6.0892, 0.1994,
0.0873

■ 52.3415, 0.3129,
0.3296

■ 6.0646, 0.1991,
0.0871

■ 62.5709, 0.3192,
0.3522

■ 74.0143, 0.3245,
0.3726

■ 86.7106, 0.3289,
0.3909

■ 92.2046, 0.3345,
0.3955

Harmonies

Analogous

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



17.8781, 0.1862, 0.1746



17.8781, 0.2631, 0.1901



17.8781, 0.3719, 0.2310

Triad

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



17.8781, 0.2631, 0.1901



17.8781, 0.4995, 0.4341



17.8781, 0.1667, 0.3415

Complementary

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



17.8781, 0.2631, 0.1901



44.1116, 0.3433, 0.4673

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.



17.8781, 0.2346, 0.4680



17.8781, 0.2631, 0.1901



17.8781, 0.4257, 0.5048

Square

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



17.8781, 0.2631, 0.1901



17.8781, 0.5242, 0.3599



17.8781, 0.3299, 0.5333



17.8781, 0.1389, 0.2404

Rectangle

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



17.8781, 0.2631, 0.1901



17.8781, 0.4458, 0.2694



17.8781, 0.3299, 0.5333



17.8781, 0.1849, 0.3843

Sweetspot

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



17.8788, 0.2631, 0.1901



69.4839, 0.3008, 0.2902



26.5194, 0.2343, 0.2550



14.6072, 0.2989, 0.2844



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.



17.8788, 0.2631, 0.1901



24.2921, 0.2483, 0.1584



22.9950, 0.3165, 0.2099



9.4461, 0.3058, 0.3058



4.0341, 0.2005, 0.0878



0.1970, 0.2276, 0.1027

Inverse Universe

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



21.4812, 0.3773, 0.2634



31.8621, 0.3999, 0.2512



40.6700, 0.3064, 0.4844



9.6163, 0.3210, 0.3172



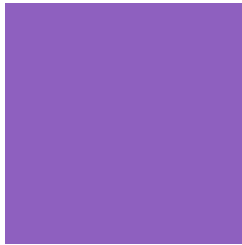
7.8805, 0.4870, 0.2456



0.3219, 0.4369, 0.2180

Previews

White Background



This preview shows how the Yxy color 17.8781, 0.2631, 0.1901 looks on a white background.

Color Contrast Check

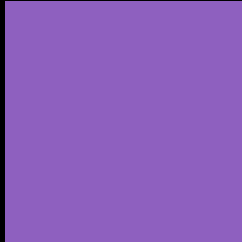
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8781, 0.2631, 0.1901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

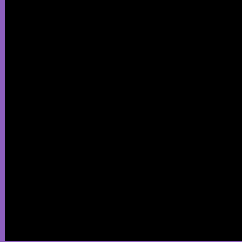
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8781, 0.2631, 0.1901

Background



This preview shows how black text looks on a background with the Yxy color 17.8781, 0.2631, 0.1901.



This preview shows how white text looks on a background with the Yxy color 17.8781, 0.2631, 0.1901.

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

17.8781, 0.2631, 0.1901

Protanopia

18.0445, 0.2015, 0.1798

Deuteranopia

18.2070, 0.2161, 0.2107



Tritanopia

17.9612, 0.3240, 0.3125

Trichromacy



Original Color

17.8781, 0.2631, 0.1901

Protanomaly

17.4323, 0.2180, 0.1804

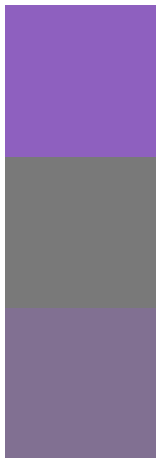
Deuteranomaly

17.6075, 0.2297, 0.2009

Tritanomaly

17.6903, 0.2994, 0.2602

Monochromacy



Original Color

17.8781, 0.2631, 0.1901

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.3308, 0.2945, 0.2694

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8781, 0.2631, 0.1901 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(142, 96, 191)` looks like.

```
.text, #text, p{  
    color:rgb(142, 96, 191)  
}
```

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(142, 96, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 96, 191) }
```

Border

The CSS property to change the border of an element to Yxy 17.8781, 0.2631, 0.1901 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(142, 96, 191) }
```

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

```
.border{ border-color:rgb(142, 96, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 96, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 96, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 96, 191);  
box-shadow:4px 4px 4px 4px rgb(142, 96,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8781, 0.2631, 0.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 96, 191) }
```

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

```
.background{ background-color: rgb(142, 96,  
191) }
```

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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