

Converting Colors

$Y_{xy}(17.3466, 0.2359, 0.1546)$

Have a look what the booklet for
Yxy(17.3466, 0.2359, 0.1546)
contains.

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Color

Yxy(17.3598, 0.2360, 0.1549)

Conversions

Conversions Part 1

Format	Color
Hex	8958DA
RGB	137, 88, 218
RGB Percent	54%, 35%, 85%
CMY	0.4630, 0.6547, 0.1452
CMYK	0.37, 0.60, 0.00, 0.15
HSL	263°, 64%, 60%
HSV	263°, 60%, 85%
XYZ	26.4488, 17.3598, 68.2625
YIQ	117.4710, -12.5260, 50.8180

Conversions

Conversions Part 2

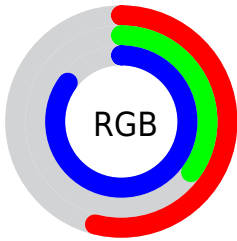
Format	Color
R _Y B	137, 88, 218
Decimal	9001178
CIE Lab	48.71, 47.51, -59.60
CIE LCh	49, 76.222, 308.557
Yxy	17.3598, 0.2360, 0.1549
Android (android.graphics.Color)	4287191258 (0xFF8958DA)
YUV	117.4710, 49.5608, 17.1269
Hunter-Lab	41.6651, 40.3968, -67.9728

Details

The Yxy color **17.3598, 0.2360, 0.1549** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **59.2746, 0.3574, 0.4903**, and the grayscale version is **17.7905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5783, 0.2674, 0.2012**, and **5.7003, 0.2065, 0.1119** is the 20% darker color. If you saturate the color by 10%, you get **13.2221, 0.2201, 0.1275**, and if you desaturate by 10%, it is **22.7131, 0.2518, 0.1852**.

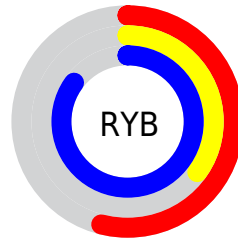
Distribution



Red (54%)

Green (35%)

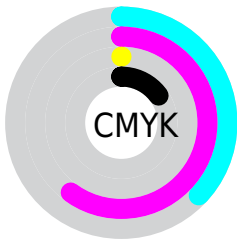
Blue (85%)



Red (54%)

Yellow (35%)

Blue (85%)

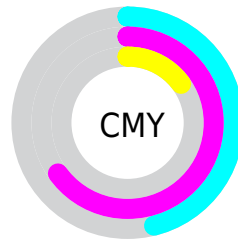


Cyan (37%)

Magenta (60%)

Yellow (0%)

Black (15%)



Cyan (46%)


Magenta (65%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3598, 0.2360, 0.1549 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 17.3598, 0.2360, 0.1549 by changing the saturation by 10% instead.


 17.3598, 0.2360,
0.1549


 17.3598, 0.2360,
0.1549


237.2374, 0.2807,
0.2402


 10.4914, 0.2234,
0.1355


 38.9434, 0.2535,
0.1848


 5.7259, 0.2066,
0.1122


 54.4273, 0.2597,
0.1964


 2.6792, 0.1837,
0.0845

 73.5518, 0.2648,
0.2064

 0.9666, 0.1520,
0.0529

 96.7013, 0.2691,
0.2150

 0.0000, 0.1105,
0.0000

 124.2602, 0.2727,
0.2225

 0.0000, 0.0000,
0.0000

156.6130, 0.2758,

0.2291

194.1439, 0.2784,
0.2350

■ 17.3598, 0.2360,
0.1549

■ 17.3598, 0.2360,
0.1549

■ 13.2221, 0.2201,
0.1275

■ 22.7131, 0.2518,
0.1852

■ 10.1941, 0.2050,
0.1047

■ 29.3716, 0.2668,
0.2166

■ 8.1542, 0.1915,
0.0878

■ 37.4184, 0.2806,
0.2476

■ 6.8975, 0.1801,
0.0768

■ 46.9292, 0.2930,
0.2772

■ 6.8545, 0.1797,
0.0764

■ 57.9737, 0.3038,
0.3048

70.6174, 0.3131,
0.3300

84.9219, 0.3210,
0.3526

96.1179, 0.3285,
0.3658

97.8402, 0.3346,
0.3651

Harmonies

Analogous

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



17.3598, 0.1489, 0.1390



17.3598, 0.2360, 0.1549



17.3598, 0.3751, 0.2000

Triad

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



17.3598, 0.2360, 0.1549



17.3598, 0.5458, 0.4315



17.3598, 0.1308, 0.3540

Complementary

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



17.3598, 0.2360, 0.1549



59.2746, 0.3574, 0.4903

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.



17.3598, 0.2126, 0.5394



17.3598, 0.2360, 0.1549



17.3598, 0.4478, 0.5337

Square

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



17.3598, 0.2360, 0.1549



17.3598, 0.5849, 0.3442



17.3598, 0.3284, 0.6050



17.3598, 0.1001, 0.2165

Rectangle

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



17.3598, 0.2360, 0.1549



17.3598, 0.4776, 0.2435



17.3598, 0.3284, 0.6050



17.3598, 0.1521, 0.4169

Sweetspot

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



17.3604, 0.2360, 0.1549



69.0987, 0.2946, 0.2814



36.0106, 0.2243, 0.2595



13.8698, 0.2912, 0.2729



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.



17.3604, 0.2360, 0.1549



17.3949, 0.2154, 0.1200



24.4160, 0.3007, 0.1830



12.8547, 0.3039, 0.3052



4.1648, 0.1812, 0.0772



0.3181, 0.1996, 0.0873

Inverse Universe

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



24.7555, 0.3783, 0.2367



29.3593, 0.3996, 0.2240



53.8562, 0.3130, 0.5155



13.1874, 0.3195, 0.3145



10.0160, 0.4437, 0.2218



0.6654, 0.4184, 0.2079

Previews

White Background



This preview shows how the Yxy color 17.3598, 0.2360, 0.1549 looks on a white background.

Color Contrast Check

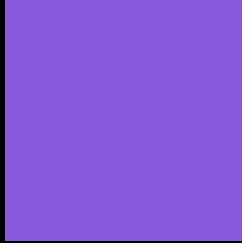
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3598, 0.2360, 0.1549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

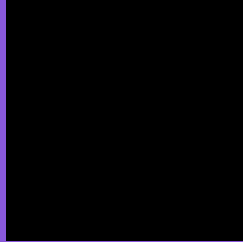
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3598, 0.2360, 0.1549

Background



This preview shows how black text looks on a background with the Yxy color 17.3598, 0.2360, 0.1549.



This preview shows how white text looks on a background with the Yxy color 17.3598, 0.2360, 0.1549.

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

17.3598, 0.2360, 0.1549

Protanopia

17.4833, 0.1735, 0.1447

Deuteranopia

17.5109, 0.1832, 0.1796



Tritanopia

17.2466, 0.3058, 0.3116

Trichromacy



Original Color

17.3598, 0.2360, 0.1549



Protanomaly

16.0918, 0.1803, 0.1419



Deuteranomaly

15.9470, 0.1868, 0.1614



Tritanomaly

16.8569, 0.2753, 0.2375

Monochromacy



Original Color

17.3598, 0.2360, 0.1549



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

16.9262, 0.2795, 0.2451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3598, 0.2360, 0.1549 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(137, 88, 218)` looks like.

```
.text, #text, p{  
  color:rgb(137, 88, 218)  
}
```

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(137, 88, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 88, 218) }
```

Border

The CSS property to change the border of an element to Yxy 17.3598, 0.2360, 0.1549 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(137, 88, 218) }
```

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

```
.border{ border-color:rgb(137, 88, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 88, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 88, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 88, 218);  
box-shadow:4px 4px 4px 4px rgb(137, 88,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3598, 0.2360, 0.1549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 88, 218) }
```

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

```
.background{ background-color: rgb(137, 88,  
218) }
```

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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