

Converting Colors

$Y_{xy}(14.5906, 0.2763, 0.1960)$

Have a look what the booklet for
Yxy(14.5906, 0.2763, 0.1960)
contains.

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Color

Yxy(14.5958, 0.2763, 0.1961)

Conversions

Conversions Part 1

Format	Color
Hex	8855A9
RGB	136, 85, 169
RGB Percent	53%, 33%, 66%
CMY	0.4666, 0.6667, 0.3373
CMYK	0.20, 0.50, 0.00, 0.34
HSL	276°, 33%, 50%
HSV	276°, 50%, 66%
XYZ	20.5651, 14.5958, 39.2695
YIQ	109.8250, 3.4320, 36.9360

Conversions

Conversions Part 2

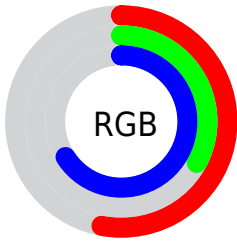
Format	Color
R _{YB}	136, 85, 169
Decimal	8934825
CIE _{Lab}	45.08, 36.91, -37.06
CIE _{LCh}	45, 52.307, 314.887
Yxy	14.5958, 0.2763, 0.1961
Android (android.graphics.Color)	4287124905 (0xFF8855A9)
YUV	109.8250, 29.1733, 22.9555
Hunter-Lab	38.2045, 29.2272, -34.1997

Details

The Yxy color **14.5958, 0.2763, 0.1961** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **32.8819, 0.3333, 0.4705**, and the grayscale version is **15.4548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1209, 0.2859, 0.2223**, and **4.4689, 0.2582, 0.1545** is the 20% darker color. If you saturate the color by 10%, you get **11.7073, 0.2663, 0.1700**, and if you desaturate by 10%, it is **18.1553, 0.2855, 0.2237**.

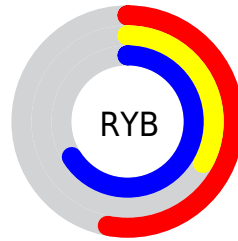
Distribution



Red (53%)

Green (33%)

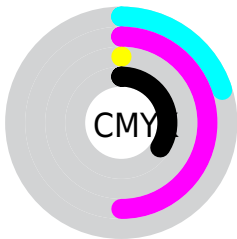
Blue (66%)



Red (53%)

Yellow (33%)

Blue (66%)

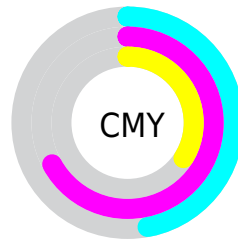


Cyan (20%)

Magenta (50%)

Yellow (0%)

Black (34%)



Cyan (47%)


Magenta (67%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5958, 0.2763, 0.1961 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 14.5958, 0.2763, 0.1961 by changing the saturation by 10% instead.


 14.5958, 0.2763,
0.1961


 14.5958, 0.2763,
0.1961


220.9065, 0.2995,
0.2671


 8.5362, 0.2685,
0.1774


 34.1425, 0.2861,
0.2228


 4.4399, 0.2570,
0.1532


 48.3984, 0.2894,
0.2325


 1.9226, 0.2393,
0.1213

 66.1552, 0.2920,
0.2407

 0.5619, 0.2106,
0.0746

 87.7973, 0.2941,
0.2476

 0.0000, 0.1371,
0.0000

 113.7091, 0.2958,
0.2535

 0.0000, 0.0000,
0.0000

144.2750, 0.2972,

0.2586

179.8793, 0.2985,
0.2631

■ 14.5958, 0.2763,
0.1961

■ 14.5958, 0.2763,
0.1961

■ 11.7073, 0.2663,
0.1700

■ 18.1553, 0.2855,
0.2237

■ 9.4415, 0.2559,
0.1466

■ 22.4261, 0.2939,
0.2517

■ 7.7461, 0.2454,
0.1271


■ 27.4473, 0.3012,
0.2791


■ 6.5593, 0.2353,
0.1124

■ 33.2546, 0.3075,
0.3052

■ 5.7494, 0.2257,
0.1018


■ 39.8815, 0.3129,
0.3297

 5.7273, 0.2254,
0.1015

 47.3592, 0.3173,
0.3522

 55.7177, 0.3211,
0.3728

 64.9850, 0.3241,
0.3914

 75.1883, 0.3266,
0.4081

Harmonies

Analogous

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



14.5958, 0.1959, 0.1775



14.5958, 0.2763, 0.1961



14.5958, 0.3851, 0.2393

Triad

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



14.5958, 0.2763, 0.1961



14.5958, 0.4895, 0.4426



14.5958, 0.1637, 0.3265

Complementary

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



14.5958, 0.2763, 0.1961



32.8819, 0.3333, 0.4705

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.



14.5958, 0.2260, 0.4505



14.5958, 0.2763, 0.1961



14.5958, 0.4133, 0.5088

Square

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



14.5958, 0.2763, 0.1961



14.5958, 0.5208, 0.3691



14.5958, 0.3179, 0.5262



14.5958, 0.1407, 0.2334

Rectangle

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



14.5958, 0.2763, 0.1961



14.5958, 0.4551, 0.2785



14.5958, 0.3179, 0.5262



14.5958, 0.1801, 0.3672

Sweetspot

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



14.5964, 0.2763, 0.1961



53.5959, 0.3041, 0.2909



17.8935, 0.2315, 0.2373



11.2348, 0.3028, 0.2856



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



14.5964, 0.2763, 0.1961



20.3490, 0.2649, 0.1666



17.4903, 0.3291, 0.2213



7.5174, 0.3077, 0.3063



4.3001, 0.2263, 0.1020



0.1329, 0.2583, 0.1197

Inverse Universe

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



16.2387, 0.3933, 0.2791



23.9155, 0.4228, 0.2700



31.1045, 0.3000, 0.4682



7.5893, 0.3227, 0.3202



6.5928, 0.5365, 0.2729



0.1705, 0.4505, 0.2255

Previews

White Background



This preview shows how the Yxy color 14.5958, 0.2763, 0.1961 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 14.5958, 0.2763, 0.1961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

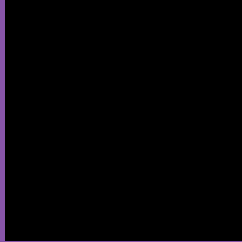
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5958, 0.2763, 0.1961

Background



This preview shows how black text looks on a background with the Yxy color 14.5958, 0.2763, 0.1961.



This preview shows how white text looks on a background with the Yxy color 14.5958, 0.2763, 0.1961.

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

14.5958, 0.2763, 0.1961

Protanopia

14.7906, 0.2050, 0.1843

Deuteranopia

14.8517, 0.2244, 0.2194



Tritanopia

14.6327, 0.3400, 0.3135

Trichromacy



Original Color

14.5958, 0.2763, 0.1961

Protanomaly

14.2244, 0.2243, 0.1862

Deuteranomaly

14.3295, 0.2397, 0.2083

Tritanomaly

14.5420, 0.3157, 0.2650

Monochromacy



Original Color

14.5958, 0.2763, 0.1961

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.8680, 0.2990, 0.2718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5958, 0.2763, 0.1961 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(136, 85, 169)` looks like.

```
.text, #text, p{  
    color:rgb(136, 85, 169)  
}
```

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(136, 85, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 85, 169) }
```

Border

The CSS property to change the border of an element to Yxy 14.5958, 0.2763, 0.1961 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(136, 85, 169) }
```

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

```
.border{ border-color:rgb(136, 85, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 85, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 85, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 85, 169);  
box-shadow:4px 4px 4px 4px rgb(136, 85,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5958, 0.2763, 0.1961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 85, 169) }
```

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

```
.background{ background-color: rgb(136, 85,  
169) }
```

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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