

Converting Colors

$Y_{xy}(14.0923, 0.2695, 0.1846)$

Have a look what the booklet for
Yxy(14.0923, 0.2695, 0.1846)
contains.

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Color

Yxy(14.0917, 0.2695, 0.1846)

Conversions

Conversions Part 1

Format	Color
Hex	8751AE
RGB	135, 81, 174
RGB Percent	53%, 32%, 68%
CMY	0.4706, 0.6823, 0.3177
CMYK	0.22, 0.53, 0.00, 0.32
HSL	275°, 36%, 50%
HSV	275°, 53%, 68%
XYZ	20.5727, 14.0917, 41.6720
YIQ	107.7480, 2.3310, 40.3710

Conversions

Conversions Part 2

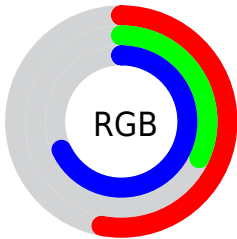
Format	Color
R_{YB}	135, 81, 174
Decimal	8868270
CIE _{Lab}	44.36, 40.02, -41.13
CIE _{LCh}	44, 57.386, 314.212
Yxy	14.0917, 0.2695, 0.1846
Android (android.graphics.Color)	4287058350 (0xFF8751AE)
YUV	107.7480, 32.6622, 23.9000
Hunter-Lab	37.5389, 32.1313, -39.5407

Details

The Yxy color **14.0917, 0.2695, 0.1846** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **34.8529, 0.3363, 0.4811**, and the grayscale version is **14.8292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1628, 0.2808, 0.2127**, and **4.2073, 0.2469, 0.1395** is the 20% darker color. If you saturate the color by 10%, you get **11.2446, 0.2586, 0.1588**, and if you desaturate by 10%, it is **17.6438, 0.2798, 0.2123**.

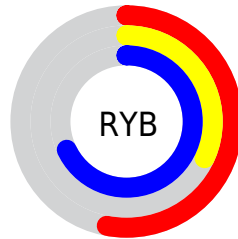
Distribution



Red (53%)

Green (32%)

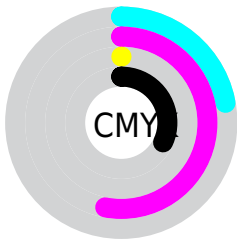
Blue (68%)



Red (53%)

Yellow (32%)

Blue (68%)

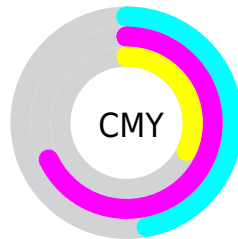


Cyan (22%)

Magenta (53%)

Yellow (0%)

Black (32%)



Cyan (47%)


Magenta (68%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0917, 0.2695, 0.1846 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 14.0917, 0.2695, 0.1846 by changing the saturation by 10% instead.


 14.0917, 0.2695,
0.1846


 14.0917, 0.2695,
0.1846


217.8006, 0.2969,
0.2610


 8.1845, 0.2604,
0.1649

 33.2516, 0.2811,
0.2130


 4.2132, 0.2472,
0.1398


 47.2732, 0.2849,
0.2235


 1.7935, 0.2271,
0.1073


 64.7682, 0.2880,
0.2324

 0.4831, 0.1959,
0.0596

 86.1212, 0.2905,
0.2398

 0.0000, 0.1207,
0.0000

 111.7166, 0.2925,
0.2463

 0.0000, 0.0000,
0.0000

141.9386, 0.2942,

0.2518

177.1718, 0.2957,
0.2567

■ 14.0917, 0.2695,
0.1846

■ 14.0917, 0.2695,
0.1846

■ 11.2446, 0.2586,
0.1588

■ 17.6438, 0.2798,
0.2123

■ 9.0483, 0.2474,
0.1363

■ 21.9463, 0.2891,
0.2407

■ 7.4433, 0.2364,
0.1181

■ 27.0425, 0.2974,
0.2687

■ 6.3575, 0.2259,
0.1049

■ 32.9721, 0.3046,
0.2955

■ 5.8241, 0.2193,
0.0982

■ 39.7719, 0.3108,
0.3208

■ 47.4764, 0.3160,
0.3441

■ 56.1185, 0.3204,
0.3653

■ 65.7290, 0.3240,
0.3846

■ 76.3377, 0.3269,
0.4019

Harmonies

Analogous

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



14.0917, 0.1841, 0.1654



14.0917, 0.2695, 0.1846



14.0917, 0.3893, 0.2299

Triad

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



14.0917, 0.2695, 0.1846



14.0917, 0.5043, 0.4455



14.0917, 0.1512, 0.3273

Complementary

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



14.0917, 0.2695, 0.1846



34.8529, 0.3363, 0.4811

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.



14.0917, 0.2178, 0.4688



14.0917, 0.2695, 0.1846



14.0917, 0.4202, 0.5224

Square

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



14.0917, 0.2695, 0.1846



14.0917, 0.5407, 0.3663



14.0917, 0.3170, 0.5504



14.0917, 0.1273, 0.2244

Rectangle

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



14.0917, 0.2695, 0.1846



14.0917, 0.4680, 0.2712



14.0917, 0.3170, 0.5504



14.0917, 0.1685, 0.3735

Sweetspot

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



14.0923, 0.2695, 0.1846



56.6034, 0.3027, 0.2880



18.5522, 0.2263, 0.2344



12.0918, 0.3013, 0.2827



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



14.0923, 0.2695, 0.1846



19.6454, 0.2567, 0.1548



17.7020, 0.3265, 0.2106



7.9782, 0.3073, 0.3062



4.2606, 0.2204, 0.0988



0.1497, 0.2511, 0.1157

Inverse Universe

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



16.2387, 0.3986, 0.2721



24.2836, 0.4289, 0.2631



32.7074, 0.3011, 0.4862



8.0690, 0.3223, 0.3195



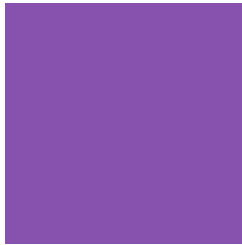
6.8866, 0.5261, 0.2672



0.2027, 0.4491, 0.2248

Previews

White Background



This preview shows how the Yxy color 14.0917, 0.2695, 0.1846 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 14.0917, 0.2695, 0.1846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

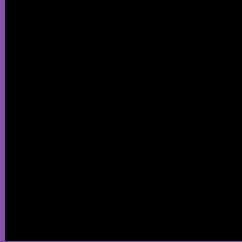
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0917, 0.2695, 0.1846

Background



This preview shows how black text looks on a background with the Yxy color 14.0917, 0.2695, 0.1846.



This preview shows how white text looks on a background with the Yxy color 14.0917, 0.2695, 0.1846.

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

14.0917, 0.2695, 0.1846

Protanopia

14.2973, 0.1945, 0.1713

Deuteranopia

14.1967, 0.2137, 0.2079



Tritanopia

14.0611, 0.3404, 0.3133

Trichromacy



Original Color

14.0917, 0.2695, 0.1846

Protanomaly

13.5717, 0.2124, 0.1715

Deuteranomaly

13.5813, 0.2283, 0.1945

Tritanomaly

13.8822, 0.3117, 0.2572

Monochromacy



Original Color

14.0917, 0.2695, 0.1846

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.2529, 0.2964, 0.2640

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0917, 0.2695, 0.1846 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(135, 81, 174)` looks like.

```
.text, #text, p{  
    color:rgb(135, 81, 174)  
}
```

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(135, 81, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 81, 174) }
```

Border

The CSS property to change the border of an element to Yxy 14.0917, 0.2695, 0.1846 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(135, 81, 174) }
```

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

```
.border{ border-color:rgb(135, 81, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 81, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 81, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 81, 174);  
box-shadow:4px 4px 4px 4px rgb(135, 81,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0917, 0.2695, 0.1846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 81, 174) }
```

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

```
.background{ background-color: rgb(135, 81,  
174) }
```

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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