

Converting Colors

$Y_{xy}(14.8741, 0.3452, 0.2757)$

Have a look what the booklet for
Yxy(14.8741, 0.3452, 0.2757)
contains.

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Color

Yxy(14.8991, 0.3465, 0.2766)

Conversions

Conversions Part 1

Format	Color
Hex	8F5C7A
RGB	143, 92, 122
RGB Percent	56%, 36%, 48%
CMY	0.4393, 0.6391, 0.5216
CMYK	0.00, 0.36, 0.15, 0.44
HSL	325°, 22%, 46%
HSV	325°, 36%, 56%
XYZ	18.6643, 14.8991, 20.3018
YIQ	110.6690, 20.7660, 20.1420

Conversions

Conversions Part 2

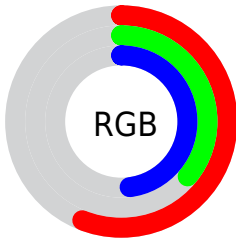
Format	Color
R_{YB}	143, 92, 122
Decimal	9395322
CIE _{Lab}	45.50, 25.55, -8.23
CIE _{LCh}	45, 26.847, 342.145
Yxy	14.8991, 0.3465, 0.2766
Android (android.graphics.Color)	4287585402 (0xFF8F5C7A)
YUV	110.6690, 5.5862, 28.3543
Hunter-Lab	38.5994, 18.7628, -4.1647

Details

The Yxy color **14.8991, 0.3465, 0.2766** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.1065, 0.2893, 0.3884**, and the grayscale version is **15.7750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7067, 0.3394, 0.2891**, and **4.5820, 0.3609, 0.2562** is the 20% darker color. If you saturate the color by 10%, you get **12.5100, 0.3599, 0.2619**, and if you desaturate by 10%, it is **17.7660, 0.3350, 0.2917**.

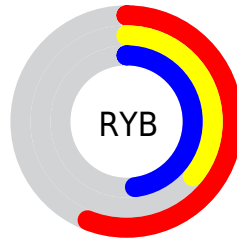
Distribution



Red (56%)

Green (36%)

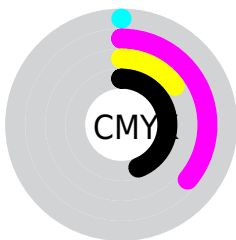
Blue (48%)



Red (56%)

Yellow (36%)

Blue (48%)

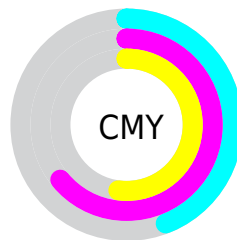


Cyan (0%)

Magenta (36%)

Yellow (15%)

Black (44%)



Cyan (44%)


Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8991, 0.3465, 0.2766 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 14.8991, 0.3465, 0.2766 by changing the saturation by 10% instead.


 14.8991, 0.3465,
0.2766


 14.8991, 0.3465,
0.2766


222.7547, 0.3270,
0.3066


 8.7486, 0.3525,
0.2675


 34.6761, 0.3386,
0.2886

 4.5776, 0.3612,
0.2546


 49.0713, 0.3359,
0.2928

 2.0016, 0.3745,
0.2349

 66.9837, 0.3337,
0.2961

 0.6084, 0.4014,
0.1944

 88.7974, 0.3319,
0.2989

 0.0000, 0.8217,
0.0000

114.8970, 0.3304,
0.3013

 0.0000, 0.0000,
0.0000

145.6668, 0.3291,

0.3033

181.4912, 0.3280,
0.3051

■ 14.8991, 0.3465,
0.2766

■ 14.8991, 0.3465,
0.2766

■ 12.5100, 0.3599,
0.2619

■ 17.7660, 0.3350,
0.2917

■ 10.5700, 0.3750,
0.2485

■ 21.1331, 0.3251,
0.3067

■ 9.0508, 0.3918,
0.2373


■ 25.0238, 0.3168,
0.3212

■ 7.9197, 0.4099,
0.2295


■ 29.4594, 0.3098,
0.3349

■ 7.1392, 0.4285,
0.2260


■ 34.4602, 0.3040,
0.3477


 6.6555, 0.4471,
0.2272

 40.0453, 0.2991,
0.3595

 6.4793, 0.4555,
0.2283

 46.2329, 0.2951,
0.3705

 53.0405, 0.2917,
0.3805

 60.4847, 0.2889,
0.3898

Harmonies

Analogous

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



14.8991, 0.2907, 0.2511



14.8991, 0.3465, 0.2766



14.8991, 0.3961, 0.3139

Triad

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



14.8991, 0.3465, 0.2766



14.8991, 0.3784, 0.4246



14.8991, 0.2151, 0.2861

Complementary

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



14.8991, 0.3465, 0.2766



23.1065, 0.2893, 0.3884

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.



14.8991, 0.2343, 0.3370



14.8991, 0.3465, 0.2766



14.8991, 0.3270, 0.4250

Square

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



14.8991, 0.3465, 0.2766



14.8991, 0.4138, 0.3972



14.8991, 0.2744, 0.3913



14.8991, 0.2191, 0.2534

Rectangle

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



14.8991, 0.3465, 0.2766



14.8991, 0.4164, 0.3422



14.8991, 0.2744, 0.3913



14.8991, 0.2190, 0.3015

Sweetspot

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



14.8998, 0.3465, 0.2766



40.8148, 0.3213, 0.3132



13.1108, 0.2755, 0.2328



9.1719, 0.3223, 0.3114



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



14.8998, 0.3465, 0.2766



23.0939, 0.3574, 0.2644



14.3600, 0.3859, 0.3200



5.4739, 0.3196, 0.3161



5.7351, 0.4546, 0.2278



0.0592, 0.3835, 0.1887

Inverse Universe

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



14.8998, 0.3465, 0.2766



23.0939, 0.3574, 0.2644



23.7457, 0.2682, 0.3385



5.4739, 0.3196, 0.3161



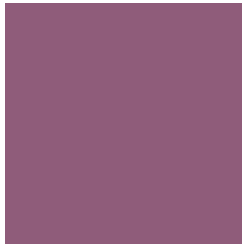
5.7351, 0.4546, 0.2278



0.0592, 0.3835, 0.1887

Previews

White Background



This preview shows how the Yxy color 14.8991, 0.3465, 0.2766 looks on a white background.

Color Contrast Check

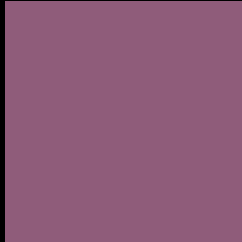
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8991, 0.3465, 0.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

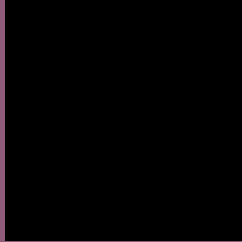
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8991, 0.3465, 0.2766

Background



This preview shows how black text looks on a background with the Yxy color 14.8991, 0.3465, 0.2766.



This preview shows how white text looks on a background with the Yxy color 14.8991, 0.3465, 0.2766.

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

14.8991, 0.3465, 0.2766

Protanopia

15.0061, 0.2767, 0.2787

Deuteranopia

14.9699, 0.3046, 0.2989



Tritanopia

15.0077, 0.3715, 0.3165

Trichromacy



Original Color

14.8991, 0.3465, 0.2766

Protanomaly

14.8432, 0.3000, 0.2786

Deuteranomaly

14.7799, 0.3189, 0.2888

Tritanomaly

15.0610, 0.3625, 0.3022

Monochromacy



Original Color

14.8991, 0.3465, 0.2766

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.3494, 0.3250, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8991, 0.3465, 0.2766 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(143, 92, 122)` looks like.

```
.text, #text, p{  
  color:rgb(143, 92, 122)  
}
```

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(143, 92, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 92, 122) }
```

Border

The CSS property to change the border of an element to Yxy 14.8991, 0.3465, 0.2766 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(143, 92, 122) }
```

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

```
.border{ border-color:rgb(143, 92, 122) }
```

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

Here you see how a box with a 4 pixel rgb(143, 92, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 92, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 92, 122);  
box-shadow:4px 4px 4px 4px rgb(143, 92,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8991, 0.3465, 0.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 92, 122) }
```

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

```
.background{ background-color: rgb(143, 92,  
122) }
```

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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