

Converting Colors

$Y_{xy}(17.4037, 0.3184, 0.2649)$

Have a look what the booklet for
Yxy(17.4037, 0.3184, 0.2649)
contains.

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Color

Yxy(17.4632, 0.3184, 0.2649)

Conversions

Conversions Part 1

Format	Color
Hex	8F678D
RGB	143, 103, 141
RGB Percent	56%, 40%, 55%
CMY	0.4391, 0.5961, 0.4470
CMYK	0.00, 0.28, 0.01, 0.44
HSL	303°, 16%, 48%
HSV	303°, 28%, 56%
XYZ	20.9901, 17.4632, 27.4704
YIQ	119.2920, 11.6420, 20.2980

Conversions

Conversions Part 2

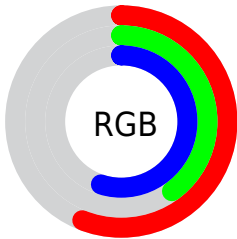
Format	Color
R _Y B	143, 103, 141
Decimal	9398157
CIE Lab	48.84, 22.75, -14.59
CIE LCh	49, 27.022, 327.332
Yxy	17.4632, 0.3184, 0.2649
Android (android.graphics.Color)	4287588237 (0xFF8F678D)
YUV	119.2920, 10.7020, 20.7919
Hunter-Lab	41.7890, 16.5277, -9.7226

Details

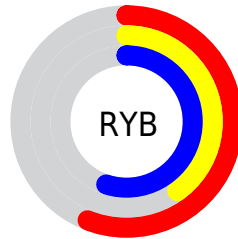
The Yxy color **17.4632, 0.3184, 0.2649** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.5561, 0.3072, 0.4027**, and the grayscale version is **18.5087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2531, 0.3170, 0.2790**, and **5.7630, 0.3190, 0.2398** is the 20% darker color. If you saturate the color by 10%, you get **14.8370, 0.3207, 0.2423**, and if you desaturate by 10%, it is **20.5778, 0.3162, 0.2881**.

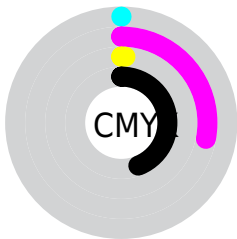
Distribution



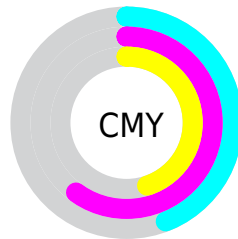
- Red (56%)
- Green (40%)
- Blue (55%)



- Red (56%)
- Yellow (40%)
- Blue (55%)



- Cyan (0%)
- Magenta (28%)
- Yellow (1%)
- Black (44%)





- Cyan (44%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4632, 0.3184, 0.2649 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 17.4632, 0.3184, 0.2649 by changing the saturation by 10% instead.


 17.4632, 0.3184,
0.2649


 17.4632, 0.3184,
0.2649


237.8277, 0.3158,
0.3005


 10.5653, 0.3189,
0.2547


 39.1205, 0.3175,
0.2788


 5.7753, 0.3193,
0.2406


 54.6486, 0.3172,
0.2837

 2.7090, 0.3195,
0.2202

 73.8223, 0.3169,
0.2877

 0.9817, 0.3186,
0.1881

 97.0260, 0.3166,
0.2911

 0.0000, 0.3299,
0.0000

124.6439, 0.3164,
0.2940

 0.0000, 0.0000,
0.0000

157.0606, 0.3161,

0.2964

194.6604, 0.3160,
0.2986

■ 17.4632, 0.3184,
0.2649

■ 17.4632, 0.3184,
0.2649

■ 14.8370, 0.3207,
0.2423

■ 20.5778, 0.3162,
0.2881

■ 12.6721, 0.3230,
0.2211

■ 24.2014, 0.3142,
0.3111

■ 10.9424, 0.3254,
0.2022

■ 28.3565, 0.3124,
0.3334

■ 9.6180, 0.3276,
0.1865

■ 33.0633, 0.3107,
0.3547

■ 8.6655, 0.3297,
0.1744

■ 38.3410, 0.3092,
0.3746

■ 8.0462, 0.3316,
0.1664

■ 44.2080, 0.3079,
0.3931

■ 7.6817, 0.3333,
0.1620

■ 50.6817, 0.3067,
0.4101

■ 7.6154, 0.3336,
0.1612

■ 57.7790, 0.3057,
0.4256

■ 65.5159, 0.3048,
0.4398

Harmonies

Analogous

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



17.4632, 0.2684, 0.2479



17.4632, 0.3184, 0.2649



17.4632, 0.3709, 0.2959

Triad

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



17.4632, 0.3184, 0.2649



17.4632, 0.3950, 0.4101



17.4632, 0.2255, 0.3106

Complementary

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



17.4632, 0.3184, 0.2649



23.5561, 0.3072, 0.4027

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.



17.4632, 0.2545, 0.3632



17.4632, 0.3184, 0.2649



17.4632, 0.3519, 0.4243

Square

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



17.4632, 0.3184, 0.2649



17.4632, 0.4166, 0.3763



17.4632, 0.3004, 0.4077



17.4632, 0.2183, 0.2697

Rectangle

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



17.4632, 0.3184, 0.2649



17.4632, 0.3984, 0.3217



17.4632, 0.3004, 0.4077



17.4632, 0.2329, 0.3276

Sweetspot

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



17.4640, 0.3184, 0.2649



43.2011, 0.3142, 0.3107



14.6849, 0.2680, 0.2518



9.6878, 0.3145, 0.3075



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.



17.4640, 0.3184, 0.2649



28.0066, 0.3199, 0.2496



16.9210, 0.3452, 0.2975



5.5064, 0.3144, 0.3084



6.7315, 0.3336, 0.1611



0.0653, 0.3267, 0.1573

Inverse Universe

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



17.4640, 0.3184, 0.2649



28.0066, 0.3199, 0.2496



24.0171, 0.2890, 0.3630



5.5064, 0.3144, 0.3084



6.7315, 0.3336, 0.1611



0.0653, 0.3267, 0.1573

Previews

White Background



This preview shows how the Yxy color 17.4632, 0.3184, 0.2649 looks on a white background.

Color Contrast Check

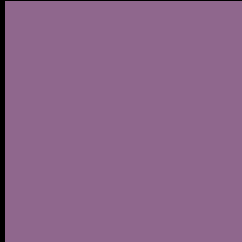
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4632, 0.3184, 0.2649 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 17.4632, 0.3184, 0.2649

Background



This preview shows how black text looks on a background with the Yxy color 17.4632, 0.3184, 0.2649.



This preview shows how white text looks on a background with the Yxy color 17.4632, 0.3184, 0.2649.

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

17.4632, 0.3184, 0.2649

Protanopia

17.5572, 0.2667, 0.2657

Deuteranopia

17.6117, 0.2867, 0.2824



Tritanopia

17.5615, 0.3465, 0.3148

Trichromacy



Original Color

17.4632, 0.3184, 0.2649

Protanomaly

17.4373, 0.2837, 0.2657

Deuteranomaly

17.4809, 0.2975, 0.2749

Tritanomaly

17.4515, 0.3362, 0.2957

Monochromacy



Original Color

17.4632, 0.3184, 0.2649

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.9318, 0.3152, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4632, 0.3184, 0.2649 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, 103, 141)` looks like.

```
.text, #text, p{  
    color:rgb(143, 103, 141)  
}
```

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, 103, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 103, 141) }
```

Border

The CSS property to change the border of an element to Yxy 17.4632, 0.3184, 0.2649 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, 103, 141) }
```

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

```
.border{ border-color:rgb(143, 103, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 103, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 103, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 103, 141);  
box-shadow:4px 4px 4px 4px rgb(143, 103,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4632, 0.3184, 0.2649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 103, 141) }
```

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

```
.background{ background-color: rgb(143,  
103, 141) }
```

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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