

Converting Colors

$Y_{xy}(17.5165, 0.3507, 0.3158)$

Have a look what the booklet for
Yxy(17.5165, 0.3507, 0.3158)
contains.

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Color

Yxy(17.5040, 0.3510, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	8E6B73
RGB	142, 107, 115
RGB Percent	56%, 42%, 45%
CMY	0.4430, 0.5804, 0.5490
CMYK	0.00, 0.25, 0.19, 0.44
HSL	346°, 14%, 49%
HSV	346°, 25%, 56%
XYZ	19.5107, 17.5040, 18.5712
YIQ	118.3770, 18.2920, 9.9080

Conversions

Conversions Part 2

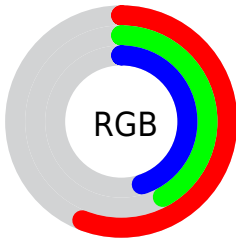
Format	Color
R_{YB}	142, 107, 115
Decimal	9333619
CIE Lab	48.89, 15.26, 0.96
CIE LCh	49, 15.286, 3.610
Yxy	17.5040, 0.3510, 0.3149
Android (android.graphics.Color)	4287523699 (0xFF8E6B73)
YUV	118.3770, -1.6649, 20.7174
Hunter-Lab	41.8378, 10.0257, 2.9684

Details

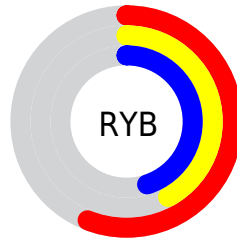
The Yxy color **17.5040, 0.3510, 0.3149** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.1999, 0.2846, 0.3437**, and the grayscale version is **18.2430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3221, 0.3415, 0.3187**, and **5.7573, 0.3684, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **14.5454, 0.3728, 0.3089**, and if you desaturate by 10%, it is **20.9805, 0.3331, 0.3208**.

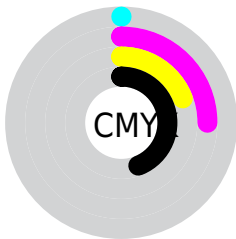
Distribution



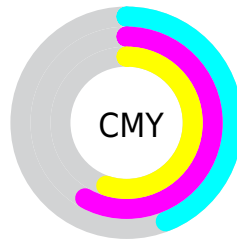
- Red (56%)
- Green (42%)
- Blue (45%)



- Red (56%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (19%)
- Black (44%)




- Cyan (44%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5040, 0.3510, 0.3149 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 17.5040, 0.3510, 0.3149 by changing the saturation by 10% instead.


 17.5040, 0.3510,
0.3149


 17.5040, 0.3510,
0.3149


238.0603, 0.3287,
0.3232


 10.5945, 0.3580,
0.3123


 39.1903, 0.3420,
0.3183


 5.7949, 0.3681,
0.3084

 54.7359, 0.3389,
0.3194

 2.7207, 0.3840,
0.3023

 73.9290, 0.3364,
0.3204

 0.9877, 0.4125,
0.2912

 97.1539, 0.3343,
0.3211

 0.0000, 1.0000,
0.0000

124.7951, 0.3326,
0.3218

 0.0000, 0.0000,
0.0000

157.2370, 0.3311,

0.3223

194.8639, 0.3298,
0.3228

■ 17.5040, 0.3510,
0.3149

■ 17.5040, 0.3510,
0.3149

■ 14.5454, 0.3728,
0.3089

■ 20.9805, 0.3331,
0.3208

■ 12.0777, 0.3991,
0.3030

■ 24.9958, 0.3186,
0.3265

■ 10.0748, 0.4302,
0.2980

■ 29.5722, 0.3067,
0.3318

■ 8.5072, 0.4657,
0.2945

■ 34.7302, 0.2970,
0.3366

■ 7.3422, 0.5042,
0.2935

■ 40.4895, 0.2890,
0.3410

■ 6.5424, 0.5428,
0.2959

■ 46.8684, 0.2825,
0.3450

■ 6.0594, 0.5776,
0.3018

■ 53.8848, 0.2770,
0.3487

■ 5.8598, 0.5946,
0.3049

■ 61.5557, 0.2725,
0.3520

■ 69.8975, 0.2687,
0.3551

Harmonies

Analogous

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



17.5040, 0.3230, 0.2944



17.5040, 0.3510, 0.3149



17.5040, 0.3687, 0.3394

Triad

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



17.5040, 0.3510, 0.3149



17.5040, 0.3303, 0.3810



17.5040, 0.2580, 0.2922

Complementary

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



17.5040, 0.3510, 0.3149



24.1999, 0.2846, 0.3437

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.



17.5040, 0.2598, 0.3143



17.5040, 0.3510, 0.3149



17.5040, 0.3006, 0.3677

Square

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



17.5040, 0.3510, 0.3149



17.5040, 0.3560, 0.3785



17.5040, 0.2751, 0.3424



17.5040, 0.2699, 0.2811

Rectangle

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



17.5040, 0.3510, 0.3149



17.5040, 0.3718, 0.3554



17.5040, 0.2751, 0.3424



17.5040, 0.2570, 0.2985

Sweetspot

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



17.5048, 0.3510, 0.3149



42.2155, 0.3219, 0.3251



17.5237, 0.3050, 0.2679



9.3508, 0.3226, 0.3249



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



17.5048, 0.3510, 0.3149



27.6419, 0.3635, 0.3113



19.3823, 0.3584, 0.3457



5.4430, 0.3248, 0.3240



5.2618, 0.5936, 0.3044



0.0532, 0.4934, 0.2492

Inverse Universe

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



17.5048, 0.3510, 0.3149



27.6419, 0.3635, 0.3113



21.7672, 0.2762, 0.3117



5.4430, 0.3248, 0.3240



5.2618, 0.5936, 0.3044



0.0532, 0.4934, 0.2492

Previews

White Background



This preview shows how the Yxy color 17.5040, 0.3510, 0.3149 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 17.5040, 0.3510, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

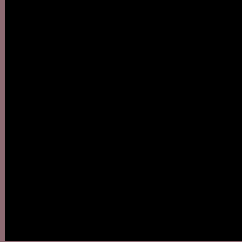
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5040, 0.3510, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 17.5040, 0.3510, 0.3149.



This preview shows how white text looks on a background with the Yxy color 17.5040, 0.3510, 0.3149.

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

17.5040, 0.3510, 0.3149

Protanopia

17.6288, 0.3093, 0.3212

Deuteranopia

17.6144, 0.3314, 0.3272



Tritanopia

17.5040, 0.3510, 0.3149

Trichromacy



Original Color

17.5040, 0.3510, 0.3149

Protanomaly

17.5539, 0.3237, 0.3196

Deuteranomaly

17.5703, 0.3387, 0.3235

Tritanomaly

17.5040, 0.3510, 0.3149

Monochromacy



Original Color

17.5040, 0.3510, 0.3149

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.8310, 0.3261, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5040, 0.3510, 0.3149 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(142, 107, 115)` looks like.

```
.text, #text, p{  
    color:rgb(142, 107, 115)  
}
```

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(142, 107, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 107, 115) }
```

Border

The CSS property to change the border of an element to Yxy 17.5040, 0.3510, 0.3149 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(142, 107, 115) }
```

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

```
.border{ border-color:rgb(142, 107, 115) }
```

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

Here you see how a box with a 4 pixel rgb(142, 107, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 107, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 107, 115);  
box-shadow:4px 4px 4px 4px rgb(142, 107,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5040, 0.3510, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 107, 115) }
```

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

```
.background{ background-color: rgb(142,  
107, 115) }
```

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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