

Converting Colors

$Y_{xy}(17.5273, 0.3350, 0.3056)$

Have a look what the booklet for
Yxy(17.5273, 0.3350, 0.3056)
contains.

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Color

Yxy(17.4240, 0.3356, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	896C79
RGB	137, 108, 121
RGB Percent	54%, 42%, 47%
CMY	0.4628, 0.5764, 0.5255
CMYK	0.00, 0.21, 0.12, 0.46
HSL	333°, 12%, 48%
HSV	333°, 21%, 54%
XYZ	19.1282, 17.4240, 20.4448
YIQ	118.1530, 13.1110, 10.1910

Conversions

Conversions Part 2

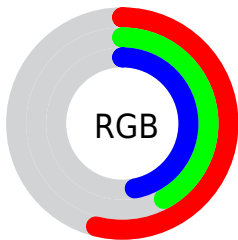
Format	Color
R_YB	137, 108, 121
Decimal	9006201
CIE Lab	48.79, 13.74, -2.82
CIE LCh	49, 14.029, 348.406
Yxy	17.4240, 0.3356, 0.3057
Android (android.graphics.Color)	4287196281 (0xFF896C79)
YUV	118.1530, 1.4036, 16.5288
Hunter-Lab	41.7421, 8.7486, 0.1798

Details

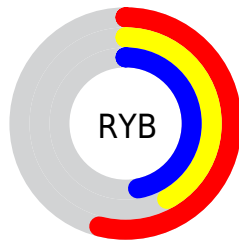
The Yxy color **17.4240, 0.3356, 0.3057** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.5302, 0.2945, 0.3536**, and the grayscale version is **18.1597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2351, 0.3308, 0.3120**, and **5.7390, 0.3453, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **14.5803, 0.3499, 0.2940**, and if you desaturate by 10%, it is **20.7378, 0.3237, 0.3170**.

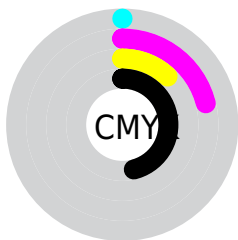
Distribution



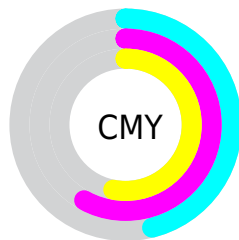
- Red (54%)
- Green (42%)
- Blue (47%)



- Red (54%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (46%)





- Cyan (46%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4240, 0.3356, 0.3057 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 17.4240, 0.3356, 0.3057 by changing the saturation by 10% instead.


 17.4240, 0.3356,
0.3057

 17.4240, 0.3356,
0.3057


237.6041, 0.3224,
0.3191

 10.5373, 0.3397,
0.3016


 39.0534, 0.3303,
0.3111


 5.7566, 0.3456,
0.2958


 54.5647, 0.3284,
0.3129

 2.6976, 0.3547,
0.2868

 73.7198, 0.3270,
0.3144

 0.9760, 0.3708,
0.2714

 96.9030, 0.3257,
0.3157

 0.0000, 0.8024,
0.0000

124.4985, 0.3247,
0.3167

 0.0000, 0.0000,
0.0000

156.8910, 0.3238,

0.3176

194.4647, 0.3231,
0.3184

■ 17.4240, 0.3356,
0.3057

■ 17.4240, 0.3356,
0.3057

■ 14.5803, 0.3499,
0.2940

■ 20.7378, 0.3237,
0.3170

■ 12.1829, 0.3669,
0.2825

■ 24.5394, 0.3137,
0.3278

■ 10.2094, 0.3867,
0.2716

■ 28.8486, 0.3055,
0.3379

■ 8.6345, 0.4094,
0.2623

■ 33.6832, 0.2987,
0.3472

■ 7.4303, 0.4346,
0.2557

■ 39.0603, 0.2931,
0.3558

6.5650, 0.4613,
0.2530

44.9960, 0.2884,
0.3637

6.0016, 0.4884,
0.2550

51.5060, 0.2845,
0.3709

5.6585, 0.5121,
0.2595

58.6052, 0.2813,
0.3775

66.3081, 0.2786,
0.3836

Harmonies

Analogous

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



17.4240, 0.3081, 0.2902



17.4240, 0.3356, 0.3057



17.4240, 0.3575, 0.3271

Triad

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



17.4240, 0.3356, 0.3057



17.4240, 0.3419, 0.3773



17.4240, 0.2614, 0.3045

Complementary

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



17.4240, 0.3356, 0.3057



22.5302, 0.2945, 0.3536

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.



17.4240, 0.2696, 0.3285



17.4240, 0.3356, 0.3057



17.4240, 0.3155, 0.3723

Square

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



17.4240, 0.3356, 0.3057



17.4240, 0.3609, 0.3685



17.4240, 0.2891, 0.3539



17.4240, 0.2661, 0.2887

Rectangle

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



17.4240, 0.3356, 0.3057



17.4240, 0.3654, 0.3424



17.4240, 0.2891, 0.3539



17.4240, 0.2628, 0.3119

Sweetspot

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



17.4248, 0.3356, 0.3057



40.4534, 0.3184, 0.3225



16.8140, 0.2983, 0.2759



8.9919, 0.3190, 0.3219



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



17.4248, 0.3356, 0.3057



28.8692, 0.3416, 0.3006



17.4353, 0.3528, 0.3318



5.0834, 0.3215, 0.3192



5.2746, 0.5115, 0.2591



0.0379, 0.4167, 0.2069

Inverse Universe

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



17.4248, 0.3356, 0.3057



28.8692, 0.3416, 0.3006



22.4718, 0.2822, 0.3262



5.0834, 0.3215, 0.3192



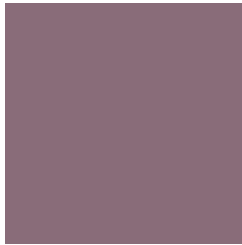
5.2746, 0.5115, 0.2591



0.0379, 0.4167, 0.2069

Previews

White Background



This preview shows how the Yxy color 17.4240, 0.3356, 0.3057 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 17.4240, 0.3356, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

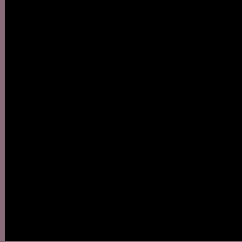
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4240, 0.3356, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 17.4240, 0.3356, 0.3057.



This preview shows how white text looks on a background with the Yxy color 17.4240, 0.3356, 0.3057.

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

17.4240, 0.3356, 0.3057

Protanopia

17.3870, 0.3010, 0.3096

Deuteranopia

17.5263, 0.3199, 0.3158



Tritanopia

17.4559, 0.3394, 0.3145

Trichromacy



Original Color

17.4240, 0.3356, 0.3057

Protanomaly

17.2545, 0.3125, 0.3063

Deuteranomaly

17.3921, 0.3255, 0.3123

Tritanomaly

17.4795, 0.3380, 0.3128

Monochromacy



Original Color

17.4240, 0.3356, 0.3057

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.7265, 0.3210, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4240, 0.3356, 0.3057 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(137, 108, 121)` looks like.

```
.text, #text, p{  
    color:rgb(137, 108, 121)  
}
```

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(137, 108, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 108, 121) }
```

Border

The CSS property to change the border of an element to Yxy 17.4240, 0.3356, 0.3057 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(137, 108, 121) }
```

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

```
.border{ border-color:rgb(137, 108, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 108, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 108, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 108, 121);  
box-shadow:4px 4px 4px 4px rgb(137, 108,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4240, 0.3356, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 108, 121) }
```

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

```
.background{ background-color: rgb(137,  
108, 121) }
```

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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