

Converting Colors

$Y_{xy}(17.0134, 0.3300, 0.2942)$

Have a look what the booklet for
Yxy(17.0134, 0.3300, 0.2942)
contains.

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Color

Yxy(17.1071, 0.3307, 0.2951)

Conversions

Conversions Part 1

Format	Color
Hex	896A7D
RGB	137, 106, 125
RGB Percent	54%, 42%, 49%
CMY	0.4628, 0.5843, 0.5098
CMYK	0.00, 0.23, 0.09, 0.46
HSL	323°, 13%, 48%
HSV	323°, 23%, 54%
XYZ	19.1709, 17.1071, 21.6926
YIQ	117.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

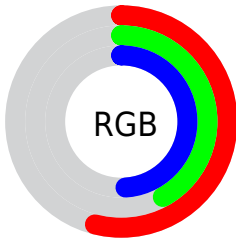
Format	Color
RYB	137, 106, 125
Decimal	9005693
CIELab	48.39, 15.66, -5.78
CIELCh	48, 16.698, 339.731
Yxy	17.1071, 0.3307, 0.2951
Android (android.graphics.Color)	4287195773 (0xFF896A7D)
YUV	117.4350, 3.7295, 17.1585
Hunter-Lab	41.3607, 10.3541, -2.1435

Details

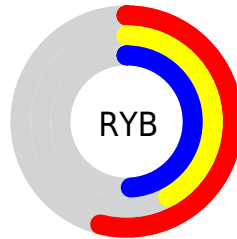
The Yxy color $17.1071, 0.3307, 0.2951$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $22.2613, 0.2982, 0.3655$, and the grayscale version is $17.9167, 0.3127, 0.3290$.

A 20% lighter version of the original color is $38.4047, 0.3266, 0.3016$, and $5.5742, 0.3394, 0.2804$ is the 20% darker color. If you saturate the color by 10%, you get $14.3741, 0.3410, 0.2795$, and if you desaturate by 10%, it is $20.2999, 0.3219, 0.3105$.

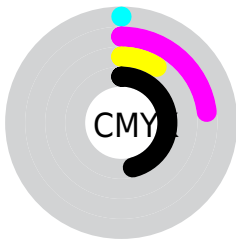
Distribution



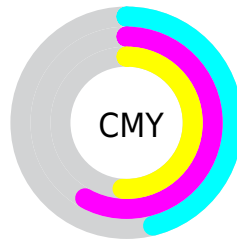
- Red (54%)
- Green (42%)
- Blue (49%)



- Red (54%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (23%)
- Yellow (9%)
- Black (46%)





- Cyan (46%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1071, 0.3307, 0.2951 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 17.1071, 0.3307, 0.2951 by changing the saturation by 10% instead.


 17.1071, 0.3307,
0.2951


 17.1071, 0.3307,
0.2951


235.7888, 0.3204,
0.3144


 10.3109, 0.3338,
0.2893


 38.5098, 0.3266,
0.3028


 5.6056, 0.3382,
0.2810


 53.8851, 0.3252,
0.3055

 2.6068, 0.3450,
0.2685

 72.8889, 0.3240,
0.3077

 0.9301, 0.3565,
0.2473

 95.9055, 0.3231,
0.3095

 0.0000, 0.5030,
0.0000

123.3195, 0.3223,
0.3110

 0.0000, 0.0000,
0.0000

155.5151, 0.3216,

0.3123

192.8767, 0.3210,
0.3134

■ 17.1071, 0.3307,
0.2951

■ 17.1071, 0.3307,
0.2951

■ 14.3741, 0.3410,
0.2795

■ 20.2999, 0.3219,
0.3105

■ 12.0772, 0.3529,
0.2641

■ 23.9703, 0.3145,
0.3253

■ 10.1940, 0.3665,
0.2497


■ 28.1380, 0.3082,
0.3392

■ 8.6989, 0.3816,
0.2372


■ 32.8207, 0.3030,
0.3522


■ 7.5638, 0.3979,
0.2277


■ 38.0355, 0.2986,
0.3643


 6.7567, 0.4150,
0.2221

 43.7984, 0.2950,
0.3754

 6.2397, 0.4321,
0.2213

 50.1251, 0.2919,
0.3856

 5.9571, 0.4450,
0.2225

 57.0303, 0.2894,
0.3950

 64.5284, 0.2873,
0.4036

Harmonies

Analogous

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



17.1071, 0.2976, 0.2796



17.1071, 0.3307, 0.2951



17.1071, 0.3601, 0.3187

Triad

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



17.1071, 0.3307, 0.2951



17.1071, 0.3553, 0.3854



17.1071, 0.2530, 0.3069

Complementary

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



17.1071, 0.3307, 0.2951



22.2613, 0.2982, 0.3655

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.



17.1071, 0.2668, 0.3372



17.1071, 0.3307, 0.2951



17.1071, 0.3252, 0.3849

Square

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



17.1071, 0.3307, 0.2951



17.1071, 0.3743, 0.3702



17.1071, 0.2929, 0.3669



17.1071, 0.2542, 0.2849

Rectangle

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



17.1071, 0.3307, 0.2951



17.1071, 0.3728, 0.3367



17.1071, 0.2929, 0.3669



17.1071, 0.2560, 0.3164

Sweetspot

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



17.1079, 0.3307, 0.2951



39.8414, 0.3177, 0.3187



15.9590, 0.2906, 0.2708



8.8672, 0.3180, 0.3180



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.



17.1079, 0.3307, 0.2951



28.1034, 0.3356, 0.2873



16.7448, 0.3518, 0.3225



5.0967, 0.3192, 0.3157



5.5522, 0.4445, 0.2222



0.0398, 0.3785, 0.1859

Inverse Universe

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



17.1079, 0.3307, 0.2951



28.1034, 0.3356, 0.2873



22.6572, 0.2837, 0.3357



5.0967, 0.3192, 0.3157



5.5522, 0.4445, 0.2222



0.0398, 0.3785, 0.1859

Previews

White Background



This preview shows how the Yxy color 17.1071, 0.3307, 0.2951 looks on a white background.

Color Contrast Check

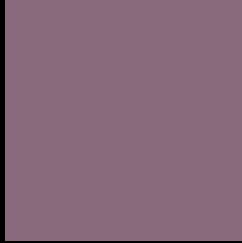
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1071, 0.3307, 0.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

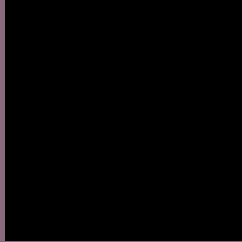
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1071, 0.3307, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 17.1071, 0.3307, 0.2951.



This preview shows how white text looks on a background with the Yxy color 17.1071, 0.3307, 0.2951.

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

17.1071, 0.3307, 0.2951

Protanopia

17.1570, 0.2929, 0.2981

Deuteranopia

17.1812, 0.3112, 0.3062



Tritanopia

17.2203, 0.3410, 0.3145

Trichromacy



Original Color

17.1071, 0.3307, 0.2951

Protanomaly

17.0650, 0.3064, 0.2970

Deuteranomaly

17.1191, 0.3179, 0.3029

Tritanomaly

17.0815, 0.3372, 0.3073

Monochromacy



Original Color

17.1071, 0.3307, 0.2951

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.4514, 0.3186, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1071, 0.3307, 0.2951 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, 106, 125)` looks like.

```
.text, #text, p{  
    color:rgb(137, 106, 125)  
}
```

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, 106, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 106, 125) }
```

Border

The CSS property to change the border of an element to Yxy 17.1071, 0.3307, 0.2951 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, 106, 125) }
```

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

```
.border{ border-color:rgb(137, 106, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 106, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 106, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 106, 125);  
box-shadow:4px 4px 4px 4px rgb(137, 106,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1071, 0.3307, 0.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 106, 125) }
```

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

```
.background{ background-color: rgb(137,  
106, 125) }
```

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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