

Converting Colors

$Y_{xy}(17.9846, 0.3295, 0.2952)$

Have a look what the booklet for
Yxy(17.9846, 0.3295, 0.2952)
contains.

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Color

Yxy(17.9848, 0.3290, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	8B6D80
RGB	139, 109, 128
RGB Percent	55%, 43%, 50%
CMY	0.4548, 0.5726, 0.4980
CMYK	0.00, 0.22, 0.08, 0.45
HSL	322°, 12%, 49%
HSV	322°, 22%, 55%
XYZ	20.0169, 17.9848, 22.8400
YIQ	120.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

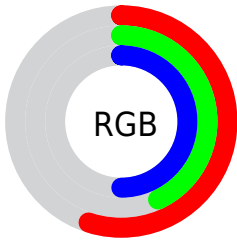
Format	Color
R_{YB}	139, 109, 128
Decimal	9137536
CIE Lab	49.48, 15.25, -5.94
CIE LCh	49, 16.364, 338.710
Yxy	17.9848, 0.3290, 0.2956
Android (android.graphics.Color)	4287327616 (0xFF8B6D80)
YUV	120.1360, 3.8770, 16.5437
Hunter-Lab	42.4085, 10.0376, -2.2459

Details

The Yxy color **17.9848, 0.3290, 0.2956** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.0825, 0.2994, 0.3649**, and the grayscale version is **18.8139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1634, 0.3253, 0.3033**, and **6.0258, 0.3363, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **15.1194, 0.3387, 0.2795**, and if you desaturate by 10%, it is **21.3278, 0.3207, 0.3114**.

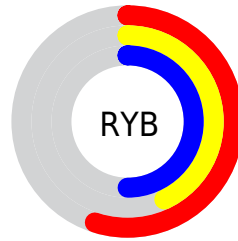
Distribution



Red (55%)

Green (43%)

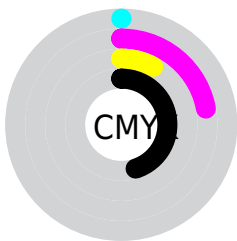
Blue (50%)



Red (55%)

Yellow (43%)

Blue (50%)

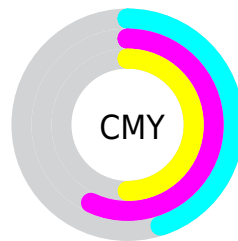


Cyan (0%)

Magenta (22%)

Yellow (8%)

Black (45%)



Cyan (45%)


Magenta (57%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9848, 0.3290, 0.2956 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 17.9848, 0.3290, 0.2956 by changing the saturation by 10% instead.


 17.9848, 0.3290,
0.2956


 17.9848, 0.3290,
0.2956


240.7854, 0.3198,
0.3145


 10.9391, 0.3318,
0.2900


 40.0114, 0.3253,
0.3031


 6.0259, 0.3356,
0.2820


 55.7611, 0.3241,
0.3057

 2.8608, 0.3415,
0.2701

 75.1809, 0.3230,
0.3078

 1.0595, 0.3512,
0.2502

 98.6552, 0.3222,
0.3096

 0.0000, 0.4737,
0.0000

126.5684, 0.3214,
0.3111

 0.0000, 0.0000,
0.0000

159.3049, 0.3208,

0.3124

197.2491, 0.3203,
0.3135

■ 17.9848, 0.3290,
0.2956

■ 17.9848, 0.3290,
0.2956

■ 15.1194, 0.3387,
0.2795

■ 21.3278, 0.3207,
0.3114

■ 12.7071, 0.3498,
0.2636

■ 25.1666, 0.3137,
0.3266

■ 10.7249, 0.3625,
0.2486

■ 29.5215, 0.3078,
0.3410

■ 9.1465, 0.3766,
0.2355

■ 34.4108, 0.3029,
0.3543

■ 7.9431, 0.3918,
0.2253

■ 39.8521, 0.2988,
0.3667

7.0820, 0.4078,
0.2190

45.8621, 0.2953,
0.3782

6.5244, 0.4238,
0.2173

52.4566, 0.2925,
0.3886

6.1965, 0.4374,
0.2183

59.6510, 0.2901,
0.3983

67.4602, 0.2881,
0.4071

Harmonies

Analogous

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



17.9848, 0.2972, 0.2810



17.9848, 0.3290, 0.2956



17.9848, 0.3575, 0.3183

Triad

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



17.9848, 0.3290, 0.2956



17.9848, 0.3546, 0.3831



17.9848, 0.2553, 0.3087

Complementary

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



17.9848, 0.3290, 0.2956



23.0825, 0.2994, 0.3649

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.



17.9848, 0.2691, 0.3380



17.9848, 0.3290, 0.2956



17.9848, 0.3259, 0.3831

Square

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



17.9848, 0.3290, 0.2956



17.9848, 0.3725, 0.3681



17.9848, 0.2947, 0.3662



17.9848, 0.2559, 0.2870

Rectangle

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



17.9848, 0.3290, 0.2956



17.9848, 0.3701, 0.3356



17.9848, 0.2947, 0.3662



17.9848, 0.2584, 0.3179

Sweetspot

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



17.9856, 0.3290, 0.2956



41.8262, 0.3168, 0.3199



16.7936, 0.2911, 0.2735



9.5498, 0.3171, 0.3190



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.



17.9856, 0.3290, 0.2956



29.5456, 0.3336, 0.2876



17.6191, 0.3490, 0.3219



5.0983, 0.3189, 0.3153



5.5929, 0.4367, 0.2180



0.0400, 0.3746, 0.1837

Inverse Universe

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



17.9856, 0.3290, 0.2956



29.5456, 0.3336, 0.2876



23.4761, 0.2853, 0.3363



5.0983, 0.3189, 0.3153



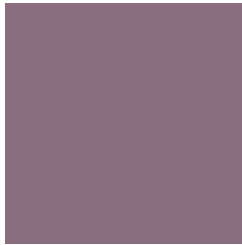
5.5929, 0.4367, 0.2180



0.0400, 0.3746, 0.1837

Previews

White Background



This preview shows how the Yxy color 17.9848, 0.3290, 0.2956 looks on a white background.

Color Contrast Check

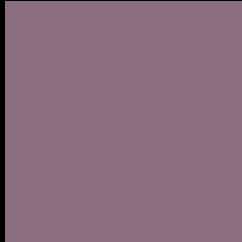
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9848, 0.3290, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

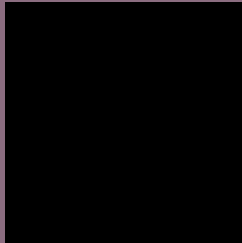
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9848, 0.3290, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 17.9848, 0.3290, 0.2956.



This preview shows how white text looks on a background with the Yxy color 17.9848, 0.3290, 0.2956.

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

17.9848, 0.3290, 0.2956

Protanopia

18.0609, 0.2921, 0.2987

Deuteranopia

17.9269, 0.3113, 0.3048



Tritanopia

18.1041, 0.3389, 0.3147

Trichromacy



Original Color

17.9848, 0.3290, 0.2956

Protanomaly

17.9584, 0.3053, 0.2976

Deuteranomaly

17.8665, 0.3179, 0.3016

Tritanomaly

17.9603, 0.3352, 0.3077

Monochromacy



Original Color

17.9848, 0.3290, 0.2956

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.4329, 0.3184, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9848, 0.3290, 0.2956 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(139, 109, 128)` looks like.

```
.text, #text, p{  
    color:rgb(139, 109, 128)  
}
```

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(139, 109, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 109, 128) }
```

Border

The CSS property to change the border of an element to Yxy 17.9848, 0.3290, 0.2956 is called "border". The border property can be set on classes, ids or directly on the HTML element.

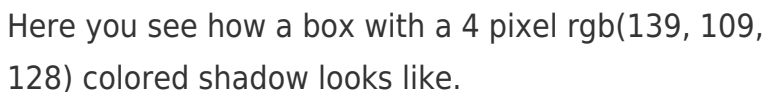
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 109, 128) }
```

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

```
.border{ border-color:rgb(139, 109, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 109, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 109, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 109, 128); box-shadow:4px 4px 4px 4px rgb(139, 109, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9848, 0.3290, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 109, 128) }
```

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

```
.background{ background-color: rgb(139,  
109, 128) }
```

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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