

Converting Colors

$Y_{xy}(17.5367, 0.3306, 0.2938)$

Have a look what the booklet for
Yxy(17.5367, 0.3306, 0.2938)
contains.

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Color

Yxy(17.5367, 0.3306, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	8B6B7F
RGB	139, 107, 127
RGB Percent	55%, 42%, 50%
CMY	0.4550, 0.5803, 0.5020
CMYK	0.00, 0.23, 0.09, 0.45
HSL	323°, 13%, 48%
HSV	323°, 23%, 55%
XYZ	19.7333, 17.5367, 22.4193
YIQ	118.8480, 12.6520, 13.0040

Conversions

Conversions Part 2

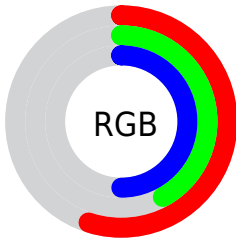
Format	Color
R_{YB}	139, 107, 127
Decimal	9137023
CIE Lab	48.93, 16.20, -6.15
CIE LCh	49, 17.329, 339.202
Yxy	17.5367, 0.3306, 0.2938
Android (android.graphics.Color)	4287327103 (0xFF8B6B7F)
YUV	118.8480, 4.0189, 17.6733
Hunter-Lab	41.8768, 10.8285, -2.4278

Details

The Yxy color **17.5367, 0.3306, 0.2938** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9193, 0.2983, 0.3670**, and the grayscale version is **18.3813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4290, 0.3264, 0.3019**, and **5.8018, 0.3391, 0.2787** is the 20% darker color. If you saturate the color by 10%, you get **14.7358, 0.3407, 0.2779**, and if you desaturate by 10%, it is **20.8121, 0.3220, 0.3095**.

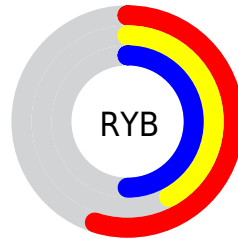
Distribution



Red (55%)

Green (42%)

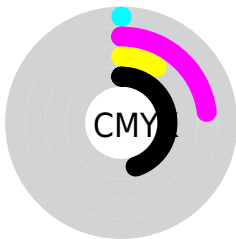
Blue (50%)



Red (55%)

Yellow (42%)

Blue (50%)

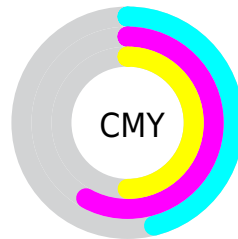


Cyan (0%)

Magenta (23%)

Yellow (9%)

Black (45%)



Cyan (46%)


Magenta (58%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5367, 0.3306, 0.2938 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 17.5367, 0.3306, 0.2938 by changing the saturation by 10% instead.


 17.5367, 0.3306,
0.2938


 17.5367, 0.3306,
0.2938


238.2465, 0.3205,
0.3138


 10.6179, 0.3336,
0.2878


 39.2463, 0.3266,
0.3017


 5.8105, 0.3379,
0.2794


 54.8058, 0.3252,
0.3045

 2.7302, 0.3445,
0.2667

 74.0144, 0.3240,
0.3067

 0.9926, 0.3554,
0.2454

 97.2564, 0.3231,
0.3086

 0.0000, 0.4843,
0.0000

124.9162, 0.3223,
0.3102

 0.0000, 0.0000,
0.0000

157.3782, 0.3216,

0.3116

195.0269, 0.3210,
0.3127

■ 17.5367, 0.3306,
0.2938

■ 17.5367, 0.3306,
0.2938

■ 14.7358, 0.3407,
0.2779

■ 20.8121, 0.3220,
0.3095

■ 12.3847, 0.3523,
0.2622

■ 24.5804, 0.3147,
0.3246

■ 10.4600, 0.3655,
0.2476

■ 28.8620, 0.3085,
0.3389

■ 8.9353, 0.3802,
0.2350

■ 33.6754, 0.3034,
0.3522

■ 7.7812, 0.3959,
0.2254

■ 39.0383, 0.2991,
0.3646

6.9644, 0.4123,
0.2199

44.9673, 0.2955,
0.3760

6.4452, 0.4288,
0.2191

51.4785, 0.2925,
0.3865

6.1731, 0.4405,
0.2200

58.5874, 0.2900,
0.3961

66.3088, 0.2879,
0.4048

Harmonies

Analogous

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



17.5367, 0.2966, 0.2781



17.5367, 0.3306, 0.2938



17.5367, 0.3610, 0.3179

Triad

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



17.5367, 0.3306, 0.2938



17.5367, 0.3569, 0.3869



17.5367, 0.2515, 0.3067

Complementary

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



17.5367, 0.3306, 0.2938



22.9193, 0.2983, 0.3670

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.



17.5367, 0.2659, 0.3380



17.5367, 0.3306, 0.2938



17.5367, 0.3261, 0.3868

Square

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



17.5367, 0.3306, 0.2938



17.5367, 0.3763, 0.3709



17.5367, 0.2929, 0.3685



17.5367, 0.2524, 0.2839

Rectangle

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



17.5367, 0.3306, 0.2938



17.5367, 0.3743, 0.3363



17.5367, 0.2929, 0.3685



17.5367, 0.2547, 0.3165

Sweetspot

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



17.5375, 0.3306, 0.2938



41.1206, 0.3176, 0.3184



16.2847, 0.2895, 0.2695



9.3987, 0.3179, 0.3177



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.



17.5375, 0.3306, 0.2938



28.4996, 0.3361, 0.2849



17.1592, 0.3519, 0.3214



5.0977, 0.3190, 0.3154



5.5762, 0.4399, 0.2197



0.0399, 0.3762, 0.1846

Inverse Universe

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



17.5375, 0.3306, 0.2938



28.4996, 0.3361, 0.2849



23.3287, 0.2837, 0.3368



5.0977, 0.3190, 0.3154



5.5762, 0.4399, 0.2197



0.0399, 0.3762, 0.1846

Previews

White Background



This preview shows how the Yxy color 17.5367, 0.3306, 0.2938 looks on a white background.

Color Contrast Check

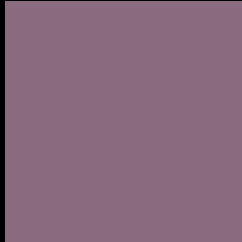
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5367, 0.3306, 0.2938 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 17.5367, 0.3306, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 17.5367, 0.3306, 0.2938.



This preview shows how white text looks on a background with the Yxy color 17.5367, 0.3306, 0.2938.

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

17.5367, 0.3306, 0.2938

Protanopia

17.7341, 0.2920, 0.2984

Deuteranopia

17.5276, 0.3100, 0.3046



Tritanopia

17.6249, 0.3421, 0.3147

Trichromacy



Original Color

17.5367, 0.3306, 0.2938

Protanomaly

17.6329, 0.3053, 0.2973

Deuteranomaly

17.5424, 0.3180, 0.3014

Tritanomaly

17.5089, 0.3370, 0.3058

Monochromacy



Original Color

17.5367, 0.3306, 0.2938

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.1022, 0.3185, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5367, 0.3306, 0.2938 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, 107, 127)` looks like.

```
.text, #text, p{  
    color:rgb(139, 107, 127)  
}
```

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, 107, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 107, 127) }
```

Border

The CSS property to change the border of an element to Yxy 17.5367, 0.3306, 0.2938 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, 107, 127) }
```

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

```
.border{ border-color:rgb(139, 107, 127) }
```

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

Here you see how a box with a 4 pixel rgb(139, 107, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 107, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 107, 127);  
box-shadow:4px 4px 4px 4px rgb(139, 107,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5367, 0.3306, 0.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 107, 127) }
```

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

```
.background{ background-color: rgb(139,  
107, 127) }
```

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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