

Converting Colors

$Y_{xy}(17.0552, 0.3517, 0.3320)$

Have a look what the booklet for
Yxy(17.0552, 0.3517, 0.3320)
contains.

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Color

Yxy(17.1497, 0.3515, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	876D6B
RGB	135, 109, 107
RGB Percent	53%, 43%, 42%
CMY	0.4706, 0.5725, 0.5803
CMYK	0.00, 0.19, 0.21, 0.47
HSL	4°, 12%, 47%
HSV	4°, 21%, 53%
XYZ	18.1133, 17.1497, 16.2685
YIQ	116.5460, 16.1380, 4.8900

Conversions

Conversions Part 2

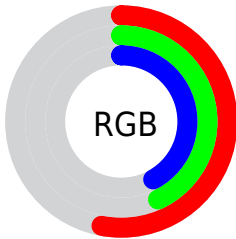
Format	Color
R_{YB}	135, 109, 107
Decimal	8875371
CIE Lab	48.45, 9.94, 4.99
CIE LCh	48, 11.122, 26.660
Yxy	17.1497, 0.3515, 0.3328
Android (android.graphics.Color)	4287065451 (0xFF876D6B)
YUV	116.5460, -4.7062, 16.1842
Hunter-Lab	41.4122, 5.6030, 5.6968

Details

The Yxy color **17.1497, 0.3515, 0.3328** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6492, 0.2827, 0.3252**, and the grayscale version is **17.6529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7772, 0.3428, 0.3331**, and **5.5950, 0.3697, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **14.4012, 0.3769, 0.3348**, and if you desaturate by 10%, it is **20.3257, 0.3307, 0.3309**.

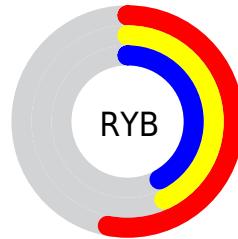
Distribution



Red (53%)

Green (43%)

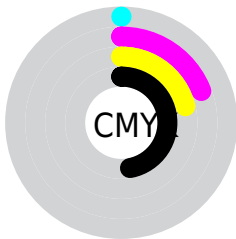
Blue (42%)



Red (53%)

Yellow (43%)

Blue (42%)

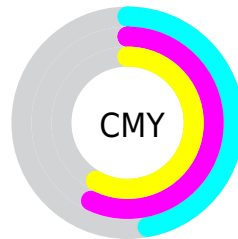


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (47%)



Cyan (47%)

Magenta (57%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1497, 0.3515, 0.3328 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 17.1497, 0.3515, 0.3328 by changing the saturation by 10% instead.


 17.1497, 0.3515,
0.3328

 17.1497, 0.3515,
0.3328


236.0336, 0.3288,
0.3309


 10.3413, 0.3587,
0.3333


 38.5830, 0.3422,
0.3321


 5.6258, 0.3692,
0.3338


 53.9766, 0.3391,
0.3318

 2.6189, 0.3859,
0.3343

 73.0008, 0.3365,
0.3316

 0.9362, 0.4207,
0.3378

 96.0399, 0.3344,
0.3314

 0.0000, 1.0000,
0.0000

123.4784, 0.3327,
0.3312

 0.0000, 0.0000,
0.0000

155.7005, 0.3312,

0.3311

193.0908, 0.3299,
0.3310

■ 17.1497, 0.3515,
0.3328

■ 17.1497, 0.3515,
0.3328

■ 14.4012, 0.3769,
0.3348

■ 20.3257, 0.3307,
0.3309

■ 12.0597, 0.4078,
0.3367

■ 23.9438, 0.3138,
0.3291

■ 10.1066, 0.4443,
0.3385


■ 28.0209, 0.3000,
0.3275


■ 8.5208, 0.4860,
0.3397


■ 32.5724, 0.2887,
0.3260


■ 7.2793, 0.5305,
0.3401


■ 37.6128, 0.2795,
0.3247

 6.3566, 0.5733,
0.3392


 43.1561, 0.2718,
0.3235

 5.7234, 0.6085,
0.3371

 49.2157, 0.2653,
0.3224

 5.3590, 0.6327,
0.3359

 55.8045, 0.2599,
0.3214

 62.9349, 0.2554,
0.3205

Harmonies

Analogous

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



17.1497, 0.3365, 0.3148



17.1497, 0.3515, 0.3328



17.1497, 0.3557, 0.3506

Triad

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



17.1497, 0.3515, 0.3328



17.1497, 0.3090, 0.3601



17.1497, 0.2782, 0.2947

Complementary

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



17.1497, 0.3515, 0.3328



21.6492, 0.2827, 0.3252

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.



17.1497, 0.2715, 0.3054



17.1497, 0.3515, 0.3328



17.1497, 0.2889, 0.3435

Square

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



17.1497, 0.3515, 0.3328



17.1497, 0.3307, 0.3674



17.1497, 0.2754, 0.3232



17.1497, 0.2940, 0.2932

Rectangle

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



17.1497, 0.3515, 0.3328



17.1497, 0.3517, 0.3600



17.1497, 0.2754, 0.3232



17.1497, 0.2748, 0.2973

Sweetspot

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



17.1505, 0.3515, 0.3328



39.2806, 0.3225, 0.3301



17.3648, 0.3174, 0.2827



9.0161, 0.3235, 0.3302



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.



17.1505, 0.3515, 0.3328



28.2446, 0.3632, 0.3338



20.3445, 0.3467, 0.3578



4.7381, 0.3278, 0.3306



4.9510, 0.6323, 0.3361



0.0204, 0.6004, 0.3614

Inverse Universe

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



21.6492, 0.2827, 0.3252



37.8510, 0.2762, 0.3242



18.1015, 0.2811, 0.2984



5.2236, 0.2992, 0.3274



15.2341, 0.2187, 0.3072



0.0570, 0.2219, 0.3188

Previews

White Background



This preview shows how the Yxy color 17.1497, 0.3515, 0.3328 looks on a white background.

Color Contrast Check

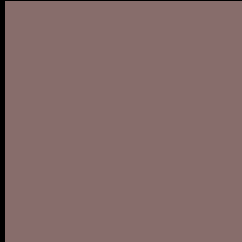
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1497, 0.3515, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

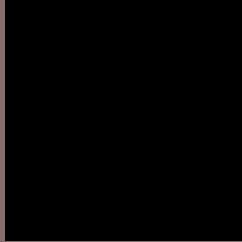
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1497, 0.3515, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 17.1497, 0.3515, 0.3328.

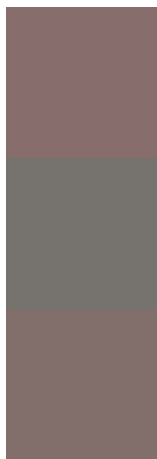


This preview shows how white text looks on a background with the Yxy color 17.1497, 0.3515, 0.3328.

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

17.1497, 0.3515, 0.3328

Protanopia

17.2388, 0.3227, 0.3389

Deuteranopia

17.1762, 0.3439, 0.3367



Tritanopia

17.2203, 0.3410, 0.3145

Trichromacy



Original Color

17.1497, 0.3515, 0.3328

Protanomaly

17.1995, 0.3324, 0.3368

Deuteranomaly

17.1189, 0.3470, 0.3347

Tritanomaly

17.1516, 0.3450, 0.3200

Monochromacy



Original Color

17.1497, 0.3515, 0.3328

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.5120, 0.3271, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1497, 0.3515, 0.3328 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(135, 109, 107)` looks like.

```
.text, #text, p{  
    color:rgb(135, 109, 107)  
}
```

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(135, 109, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 109, 107) }
```

Border

The CSS property to change the border of an element to Yxy 17.1497, 0.3515, 0.3328 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(135, 109, 107) }
```

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

```
.border{ border-color:rgb(135, 109, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 109, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 109, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 109, 107);  
box-shadow:4px 4px 4px 4px rgb(135, 109,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1497, 0.3515, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 109, 107) }
```

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

```
.background{ background-color: rgb(135,  
109, 107) }
```

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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