

Converting Colors

$Y_{xy}(17.5636, 0.3341, 0.3202)$

Have a look what the booklet for
Yxy(17.5636, 0.3341, 0.3202)
contains.

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Color

Yxy(17.5354, 0.3347, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	846F74
RGB	132, 111, 116
RGB Percent	52%, 44%, 45%
CMY	0.4824, 0.5647, 0.5450
CMYK	0.00, 0.16, 0.12, 0.48
HSL	346°, 9%, 48%
HSV	346°, 16%, 52%
XYZ	18.3524, 17.5354, 18.9446
YIQ	117.8490, 10.9110, 6.0070

Conversions

Conversions Part 2

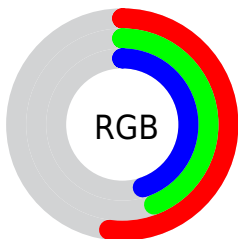
Format	Color
R_{YB}	132, 111, 116
Decimal	8679284
CIE Lab	48.93, 9.13, 0.29
CIE LCh	49, 9.138, 1.825
Yxy	17.5354, 0.3347, 0.3198
Android (android.graphics.Color)	4286869364 (0xFF846F74)
YUV	117.8490, -0.9116, 12.4104
Hunter-Lab	41.8753, 4.9482, 2.4896

Details

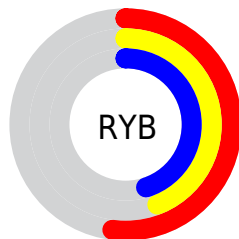
The Yxy color **17.5354, 0.3347, 0.3198** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.4125, 0.2945, 0.3384**, and the grayscale version is **18.0678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3358, 0.3292, 0.3223**, and **5.7662, 0.3440, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **14.6439, 0.3526, 0.3136**, and if you desaturate by 10%, it is **20.8795, 0.3201, 0.3257**.

Distribution



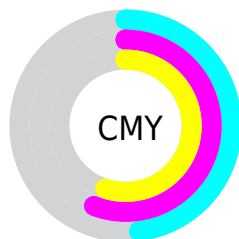
- Red (52%)
- Green (44%)
- Blue (45%)



- Red (52%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (48%)




- Cyan (48%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5354, 0.3347, 0.3198 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 17.5354, 0.3347, 0.3198 by changing the saturation by 10% instead.


 17.5354, 0.3347,
0.3198


 17.5354, 0.3347,
0.3198


238.2391, 0.3219,
0.3252


 10.6170, 0.3387,
0.3181


 39.2440, 0.3295,
0.3220


 5.8099, 0.3445,
0.3157

 54.8030, 0.3277,
0.3227

 2.7298, 0.3536,
0.3118

 74.0110, 0.3263,
0.3233

 0.9924, 0.3700,
0.3048

 97.2523, 0.3251,
0.3238

 0.0000, 1.0000,
0.0000

124.9114, 0.3241,
0.3242

 0.0000, 0.0000,
0.0000

157.3726, 0.3233,

0.3246

195.0204, 0.3226,
0.3249

■ 17.5354, 0.3347,
0.3198

■ 17.5354, 0.3347,
0.3198

■ 14.6439, 0.3526,
0.3136

■ 20.8795, 0.3201,
0.3257

■ 12.1831, 0.3744,
0.3074

■ 24.6920, 0.3081,
0.3312

■ 10.1331, 0.4006,
0.3014

■ 28.9909, 0.2983,
0.3363

■ 8.4714, 0.4314,
0.2962

■ 33.7925, 0.2903,
0.3409

■ 7.1730, 0.4665,
0.2927

■ 39.1125, 0.2837,
0.3452

■ 6.2106, 0.5043,
0.2918

■ 44.9657, 0.2782,
0.3490

■ 5.5523, 0.5422,
0.2943

■ 51.3664, 0.2736,
0.3526

■ 5.1476, 0.5766,
0.3002

■ 58.3284, 0.2698,
0.3558

■ 5.0066, 0.5900,
0.3024

■ 65.8650, 0.2666,
0.3587

Harmonies

Analogous

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



17.5354, 0.3180, 0.3073



17.5354, 0.3347, 0.3198



17.5354, 0.3455, 0.3349

Triad

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



17.5354, 0.3347, 0.3198



17.5354, 0.3246, 0.3597



17.5354, 0.2793, 0.3078

Complementary

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



17.5354, 0.3347, 0.3198



21.4125, 0.2945, 0.3384

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.



17.5354, 0.2810, 0.3216



17.5354, 0.3347, 0.3198



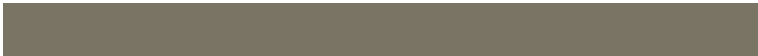
17.5354, 0.3068, 0.3523

Square

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



17.5354, 0.3347, 0.3198



17.5354, 0.3395, 0.3583



17.5354, 0.2909, 0.3381



17.5354, 0.2862, 0.3002

Rectangle

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



17.5354, 0.3347, 0.3198



17.5354, 0.3478, 0.3446



17.5354, 0.2909, 0.3381



17.5354, 0.2789, 0.3119

Sweetspot

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



17.5362, 0.3347, 0.3198



37.2831, 0.3190, 0.3262



17.5282, 0.3077, 0.2906



8.5915, 0.3198, 0.3258



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



17.5362, 0.3347, 0.3198



29.0093, 0.3406, 0.3177



18.6017, 0.3398, 0.3388



4.7056, 0.3245, 0.3238



4.8489, 0.5896, 0.3022



0.0178, 0.4890, 0.2467

Inverse Universe

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



17.5362, 0.3347, 0.3198



29.0093, 0.3406, 0.3177



20.1589, 0.2892, 0.3190



4.7056, 0.3245, 0.3238



4.8489, 0.5896, 0.3022



0.0178, 0.4890, 0.2467

Previews

White Background



This preview shows how the Yxy color 17.5354, 0.3347, 0.3198 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 17.5354, 0.3347, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

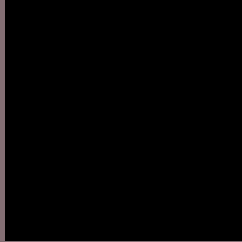
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5354, 0.3347, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 17.5354, 0.3347, 0.3198.



This preview shows how white text looks on a background with the Yxy color 17.5354, 0.3347, 0.3198.

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

17.5354, 0.3347, 0.3198

Protanopia

17.6742, 0.3117, 0.3232

Deuteranopia

17.6604, 0.3289, 0.3234



Tritanopia

17.6063, 0.3308, 0.3143

Trichromacy



Original Color

17.5354, 0.3347, 0.3198

Protanomaly

17.5536, 0.3196, 0.3214

Deuteranomaly

17.5164, 0.3304, 0.3216

Tritanomaly

17.5824, 0.3321, 0.3162

Monochromacy



Original Color

17.5354, 0.3347, 0.3198

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.7568, 0.3207, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5354, 0.3347, 0.3198 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(132, 111, 116)` looks like.

```
.text, #text, p{  
    color:rgb(132, 111, 116)  
}
```

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(132, 111, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 111, 116) }
```

Border

The CSS property to change the border of an element to Yxy 17.5354, 0.3347, 0.3198 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(132, 111, 116) }
```

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

```
.border{ border-color:rgb(132, 111, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 111, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 111, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 111, 116);  
box-shadow:4px 4px 4px 4px rgb(132, 111,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5354, 0.3347, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 111, 116) }
```

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

```
.background{ background-color: rgb(132,  
111, 116) }
```

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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