

Converting Colors

$Y_{xy}(17.4596, 0.3454, 0.3328)$

Have a look what the booklet for
Yxy(17.4596, 0.3454, 0.3328)
contains.

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Color

Yxy(17.4596, 0.3454, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	856F6D
RGB	133, 111, 109
RGB Percent	52%, 44%, 43%
CMY	0.4783, 0.5647, 0.5726
CMYK	0.00, 0.17, 0.18, 0.48
HSL	5°, 10%, 47%
HSV	5°, 18%, 52%
XYZ	18.1206, 17.4596, 16.8825
YIQ	117.3500, 13.7540, 4.0420

Conversions

Conversions Part 2

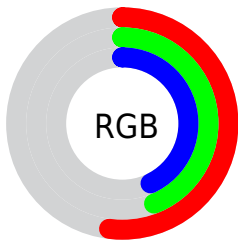
Format	Color
R_{YB}	133, 111, 109
Decimal	8744813
CIE Lab	48.83, 8.31, 4.34
CIE LCh	49, 9.378, 27.546
Yxy	17.4596, 0.3454, 0.3328
Android (android.graphics.Color)	4286934893 (0xFF856F6D)
YUV	117.3500, -4.1165, 13.7251
Hunter-Lab	41.7847, 4.2863, 5.2940

Details

The Yxy color **17.4596, 0.3454, 0.3328** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.1864, 0.2864, 0.3252**, and the grayscale version is **17.9143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1716, 0.3375, 0.3331**, and **5.7418, 0.3593, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **14.7127, 0.3693, 0.3351**, and if you desaturate by 10%, it is **20.6150, 0.3258, 0.3306**.

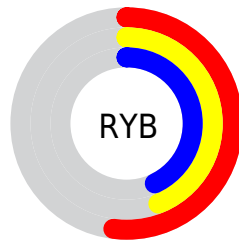
Distribution



Red (52%)

Green (44%)

Blue (43%)



Red (52%)

Yellow (44%)

Blue (43%)

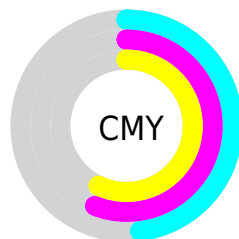


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (48%)



Cyan (48%)


Magenta (56%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4596, 0.3454, 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 17.4596, 0.3454, 0.3328 by changing the saturation by 10% instead.


 17.4596, 0.3454,
0.3328


 17.4596, 0.3454,
0.3328


237.8072, 0.3263,
0.3308


 10.5627, 0.3514,
0.3333


 39.1143, 0.3376,
0.3320


 5.7736, 0.3602,
0.3340

 54.6409, 0.3350,
0.3318

 2.7079, 0.3741,
0.3348

 73.8129, 0.3328,
0.3315

 0.9812, 0.4011,
0.3372

 97.0147, 0.3311,
0.3313

 0.0000, 1.0000,
0.0000

124.6306, 0.3296,
0.3312

 0.0000, 0.0000,
0.0000

157.0450, 0.3283,

0.3310

194.6424, 0.3272,
0.3309

■ 17.4596, 0.3454,
0.3328

■ 17.4596, 0.3454,
0.3328

■ 14.7127, 0.3693,
0.3351

■ 20.6150, 0.3258,
0.3306

■ 12.3553, 0.3984,
0.3374

■ 24.1922, 0.3099,
0.3286

■ 10.3706, 0.4331,
0.3395

■ 28.2067, 0.2968,
0.3268

■ 8.7393, 0.4730,
0.3411

■ 32.6726, 0.2861,
0.3251

■ 7.4408, 0.5166,
0.3419

■ 37.6034, 0.2772,
0.3236

■ 6.4521, 0.5602,
0.3413

■ 43.0120, 0.2699,
0.3222

■ 5.7472, 0.5981,
0.3393

■ 48.9107, 0.2637,
0.3210

■ 5.2927, 0.6264,
0.3369

■ 55.3116, 0.2585,
0.3199

■ 5.2291, 0.6313,
0.3369

■ 62.2261, 0.2541,
0.3189

Harmonies

Analogous

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



17.4596, 0.3331, 0.3175



17.4596, 0.3454, 0.3328



17.4596, 0.3486, 0.3477

Triad

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



17.4596, 0.3454, 0.3328



17.4596, 0.3092, 0.3546



17.4596, 0.2840, 0.3001

Complementary

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



17.4596, 0.3454, 0.3328



21.1864, 0.2864, 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.



17.4596, 0.2781, 0.3089



17.4596, 0.3454, 0.3328



17.4596, 0.2923, 0.3407

Square

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



17.4596, 0.3454, 0.3328



17.4596, 0.3274, 0.3610



17.4596, 0.2811, 0.3238



17.4596, 0.2975, 0.2989

Rectangle

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



17.4596, 0.3454, 0.3328



17.4596, 0.3452, 0.3554



17.4596, 0.2811, 0.3238



17.4596, 0.2811, 0.3022

Sweetspot

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



17.4604, 0.3454, 0.3328



38.7095, 0.3208, 0.3300



17.5760, 0.3167, 0.2889



8.6374, 0.3218, 0.3301



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.



17.4604, 0.3454, 0.3328



28.9838, 0.3554, 0.3338



20.1633, 0.3418, 0.3539



4.7463, 0.3277, 0.3309



4.9845, 0.6311, 0.3371



0.0211, 0.5948, 0.3659

Inverse Universe

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



21.1864, 0.2864, 0.3252



37.0413, 0.2803, 0.3241



18.2370, 0.2853, 0.3027



5.2145, 0.2992, 0.3271



14.8669, 0.2177, 0.3036



0.0563, 0.2214, 0.3170

Previews

White Background



This preview shows how the Yxy color 17.4596, 0.3454, 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 17.4596, 0.3454, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

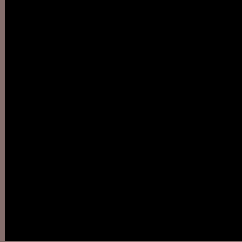
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4596, 0.3454, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 17.4596, 0.3454, 0.3328.

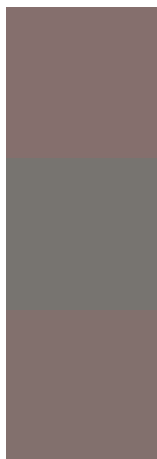


This preview shows how white text looks on a background with the Yxy color 17.4596, 0.3454, 0.3328.

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

17.4596, 0.3454, 0.3328

Protanopia

17.5826, 0.3214, 0.3368

Deuteranopia

17.4383, 0.3409, 0.3347



Tritanopia

17.5282, 0.3351, 0.3144

Trichromacy



Original Color

17.4596, 0.3454, 0.3328

Protanomaly

17.4674, 0.3297, 0.3348

Deuteranomaly

17.5178, 0.3423, 0.3347

Tritanomaly

17.4580, 0.3390, 0.3199

Monochromacy



Original Color

17.4596, 0.3454, 0.3328

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.6873, 0.3244, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4596, 0.3454, 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(133, 111, 109)` looks like.

```
.text, #text, p{  
    color:rgb(133, 111, 109)  
}
```

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(133, 111, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 111, 109) }
```

Border

The CSS property to change the border of an element to Yxy 17.4596, 0.3454, 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(133, 111, 109) }
```

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

```
.border{ border-color:rgb(133, 111, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 111, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 111, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 111, 109);  
box-shadow:4px 4px 4px 4px rgb(133, 111,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4596, 0.3454, 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(133, 111, 109) }
```

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

```
.background{ background-color: rgb(133,  
111, 109) }
```

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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