

Converting Colors

$Y_{xy}(17.1677, 0.3449, 0.3462)$

Have a look what the booklet for
Yxy(17.1677, 0.3449, 0.3462)
contains.

Yxy(17.0796, 0.3447, 0.3464) 3

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Color

Yxy(17.0796, 0.3447, 0.3464)

Conversions

Conversions Part 1	
Format	Color
Hex	7F7067
RGB	127, 112, 103
RGB Percent	50%, 44%, 40%
CMY	0.5019, 0.5608, 0.5961
CMYK	0.00, 0.12, 0.19, 0.50
HSL	22°, 10%, 45%
HSV	22°, 19%, 50%
XYZ	16.9958, 17.0796, 15.2306
YIQ	115.4590, 11.8290, 0.3810

Conversions

Conversions Part 2

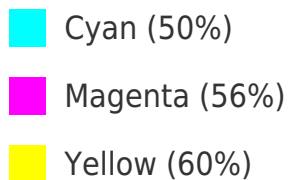
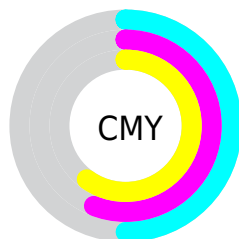
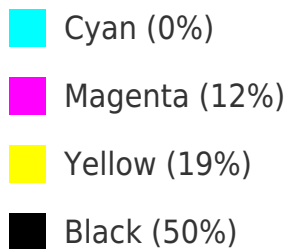
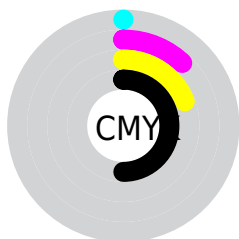
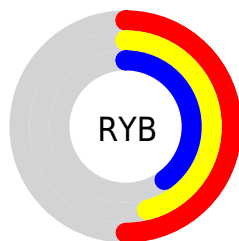
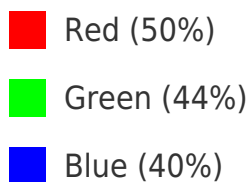
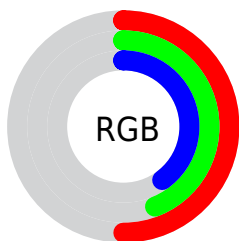
Format	Color
RYB	127, 117, 103
Decimal	8351847
CIELab	48.36, 4.28, 7.15
CIELCh	48, 8.327, 59.108
Yxy	17.0796, 0.3447, 0.3464
Android (android.graphics.Color)	4286541927 (0xFF7F7067)
YUV	115.4590, -6.1423, 10.1215
Hunter-Lab	41.3275, 1.0844, 7.0788

Details

The Yxy color **17.0796, 0.3447, 0.3464** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3740, 0.2846, 0.3109**, and the grayscale version is **17.3081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5873, 0.3370, 0.3429**, and **5.5720, 0.3606, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **15.1691, 0.3656, 0.3562**, and if you desaturate by 10%, it is **19.1849, 0.3266, 0.3370**.


Distribution



Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0796, 0.3447, 0.3464 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 17.0796, 0.3447, 0.3464 by changing the saturation by 10% instead.


 17.0796, 0.3447,
0.3464


 17.0796, 0.3447,
0.3464


235.6307, 0.3260,
0.3364


 10.2913, 0.3506,
0.3494


 38.4626, 0.3371,
0.3424


 5.5925, 0.3593,
0.3537

 53.8260, 0.3345,
0.3410

 2.5989, 0.3730,
0.3603

 72.8166, 0.3324,
0.3399

 0.9261, 0.4089,
0.3817

 95.8187, 0.3306,
0.3390

 0.0000, 0.0000,
0.0000


123.2168, 0.3292,
0.3382


155.3952, 0.3280,

0.3375


192.7384, 0.3269,
0.3369


 17.0796, 0.3447,
0.3464


 17.0796, 0.3447,
0.3464


 15.1691, 0.3656,
0.3562


 19.1849, 0.3266,
0.3370


 13.4453, 0.3896,
0.3661


 21.4882, 0.3111,
0.3281

 11.9030, 0.4167,
0.3755

 23.9953, 0.2978,
0.3198

 10.5359, 0.4467,
0.3837

 26.7115, 0.2864,
0.3122

 9.3372, 0.4785,
0.3897

 29.6414, 0.2766,
0.3052

■ 8.2996, 0.5106,
0.3922

■ 32.7898, 0.2681,
0.2988

■ 7.4151, 0.5407,
0.3904

■ 36.1611, 0.2607,
0.2930

■ 6.6703, 0.5681,
0.3852

■ 39.7599, 0.2543,
0.2876

■ 6.5965, 0.5712,
0.3846

■ 43.5904, 0.2487,
0.2827

Harmonies

Analogous

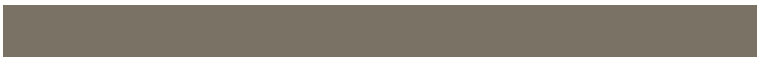
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.0796, 0.3423, 0.3332



17.0796, 0.3447, 0.3464



17.0796, 0.3383, 0.3554

Triad

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



17.0796, 0.3447, 0.3464



17.0796, 0.2938, 0.3387



17.0796, 0.2999, 0.3021

Complementary

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



17.0796, 0.3447, 0.3464



17.3740, 0.2846, 0.3109

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.



17.0796, 0.2875, 0.3029



17.0796, 0.3447, 0.3464



17.0796, 0.2840, 0.3236

Square

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



17.0796, 0.3447, 0.3464



17.0796, 0.3087, 0.3513



17.0796, 0.2817, 0.3105



17.0796, 0.3161, 0.3081

Rectangle

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



17.0796, 0.3447, 0.3464



17.0796, 0.3300, 0.3577



17.0796, 0.2817, 0.3105



17.0796, 0.2952, 0.3016

Sweetspot

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



17.0804, 0.3447, 0.3464



35.4541, 0.3221, 0.3344



15.5249, 0.3265, 0.3002



8.2517, 0.3230, 0.3349



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



17.0804, 0.3447, 0.3464



28.9517, 0.3540, 0.3509



19.8599, 0.3409, 0.3682



4.5880, 0.3270, 0.3371



6.6489, 0.5713, 0.3846



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.3740, 0.2846, 0.3109



29.5843, 0.2777, 0.3060



14.7641, 0.2833, 0.2865



4.6242, 0.2993, 0.3207



7.2375, 0.1904, 0.2054



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.0796, 0.3447, 0.3464 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 17.0796, 0.3447, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

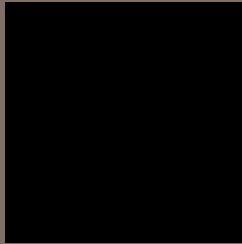
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0796, 0.3447, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 17.0796, 0.3447, 0.3464.



This preview shows how white text looks on a background with the Yxy color 17.0796, 0.3447, 0.3464.

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

17.0796, 0.3447, 0.3464

Protanopia

17.1829, 0.3315, 0.3508

Deuteranopia

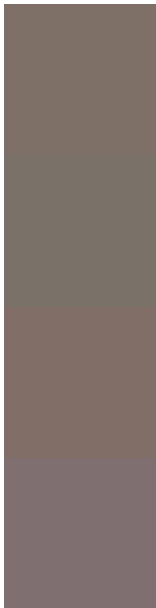
17.0940, 0.3492, 0.3443



Tritanopia

17.1270, 0.3283, 0.3141

Trichromacy



Original Color
17.0796, 0.3447, 0.3464

Protanomaly
17.1717, 0.3359, 0.3486

Deuteranomaly
17.0153, 0.3478, 0.3444

Tritanomaly
17.1503, 0.3332, 0.3253

Monochromacy



Original Color
17.0796, 0.3447, 0.3464

Achromatopsia
17.1441, 0.3127, 0.3290

Achromatomaly
17.1043, 0.3230, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0796, 0.3447, 0.3464 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(127, 112, 103)` looks like.

```
.text, #text, p{  
    color:rgb(127, 112, 103)  
}
```

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(127, 112, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 112, 103) }
```

Border

The CSS property to change the border of an element to Yxy 17.0796, 0.3447, 0.3464 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(127, 112, 103) }
```

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

```
.border{ border-color:rgb(127, 112, 103) }
```

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

Here you see how a box with a 4 pixel rgb(127, 112, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 112, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 112, 103);  
box-shadow:4px 4px 4px 4px rgb(127, 112,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0796, 0.3447, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 112, 103) }
```

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

```
.background{ background-color: rgb(127,  
112, 103) }
```

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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