

Converting Colors

$Y_{xy}(17.1246, 0.3716, 0.3859)$

Have a look what the booklet for
Yxy(17.1246, 0.3716, 0.3859)
contains.

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Color

Yxy(17.0395, 0.3707, 0.3850)

Conversions

Conversions Part 1

Format	Color
Hex	807154
RGB	128, 113, 84
RGB Percent	50%, 44%, 33%
CMY	0.4981, 0.5568, 0.6706
CMYK	0.00, 0.12, 0.34, 0.50
HSL	40°, 21%, 42%
HSV	40°, 34%, 50%
XYZ	16.4066, 17.0395, 10.8123
YIQ	114.1790, 18.2490, -5.8390

Conversions

Conversions Part 2

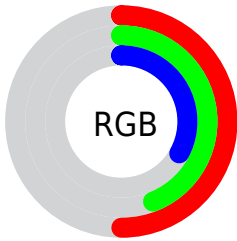
Format	Color
RYB	107, 128, 84
Decimal	8417620
CIELab	48.31, 1.20, 18.26
CIELCh	48, 18.303, 86.244
Yxy	17.0395, 0.3707, 0.3850
Android (android.graphics.Color)	4286607700 (0xFF807154)
YUV	114.1790, -14.8782, 12.1210
Hunter-Lab	41.2789, -1.2920, 13.3652

Details

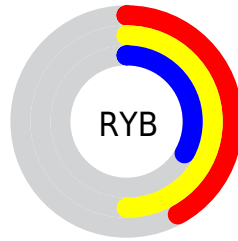
The Yxy color **17.0395, 0.3707, 0.3850** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.3651, 0.2581, 0.2656**, and the grayscale version is **16.9254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4553, 0.3564, 0.3722**, and **5.5468, 0.3955, 0.4063** is the 20% darker color. If you saturate the color by 10%, you get **15.9079, 0.3905, 0.4014**, and if you desaturate by 10%, it is **18.2561, 0.3521, 0.3683**.

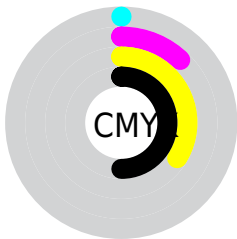
Distribution



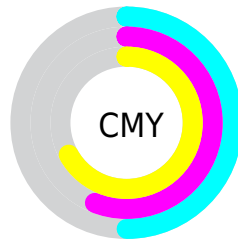
- Red (50%)
- Green (44%)
- Blue (33%)



- Red (42%)
- Yellow (50%)
- Blue (33%)



- Cyan (0%)
- Magenta (12%)
- Yellow (34%)
- Black (50%)





- Cyan (50%)
- Magenta (56%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0395, 0.3707, 0.3850 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 17.0395, 0.3707, 0.3850 by changing the saturation by 10% instead.


 17.0395, 0.3707,
0.3850


 17.0395, 0.3707,
0.3850

 235.3999, 0.3370,
0.3527


 10.2627, 0.3810,
0.3948


 38.3937, 0.3571,
0.3721


 5.5735, 0.3956,
0.4085

 53.7398, 0.3525,
0.3676

 2.5875, 0.4173,
0.4286

 72.7111, 0.3487,
0.3639

 0.9204, 0.4958,
0.5042

 95.6921, 0.3455,
0.3609

 0.0000, 0.0000,
0.0000

 123.0671, 0.3429,
0.3584

155.2204, 0.3407,

0.3562

192.5366, 0.3387,
0.3543

■ 17.0395, 0.3707,
0.3850

■ 17.0395, 0.3707,
0.3850

■ 15.9079, 0.3905,
0.4014

■ 18.2561, 0.3521,
0.3683

■ 14.8563, 0.4109,
0.4166

■ 19.5578, 0.3348,
0.3517

■ 13.8826, 0.4314,
0.4297

■ 20.9477, 0.3191,
0.3357

■ 12.9837, 0.4509,
0.4397

■ 22.4282, 0.3049,
0.3206

■ 12.1561, 0.4687,
0.4457

■ 24.0012, 0.2921,
0.3064

■ 11.3953, 0.4840,
0.4471

■ 25.6689, 0.2808,
0.2933

■ 10.9894, 0.4924,
0.4472

■ 27.4331, 0.2706,
0.2811

■ 29.2959, 0.2615,
0.2700

■ 31.2591, 0.2535,
0.2598

Harmonies

Analogous

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



17.0395, 0.3839, 0.3626



17.0395, 0.3707, 0.3850



17.0395, 0.3420, 0.3933

Triad

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



17.0395, 0.3707, 0.3850



17.0395, 0.2523, 0.3188



17.0395, 0.3159, 0.2831

Complementary

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



17.0395, 0.3707, 0.3850



12.3651, 0.2581, 0.2656

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.



17.0395, 0.2813, 0.2715



17.0395, 0.3707, 0.3850



17.0395, 0.2462, 0.2898

Square

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



17.0395, 0.3707, 0.3850



17.0395, 0.2739, 0.3535



17.0395, 0.2564, 0.2733



17.0395, 0.3514, 0.3053

Rectangle

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



17.0395, 0.3707, 0.3850



17.0395, 0.3184, 0.3879



17.0395, 0.2564, 0.2733



17.0395, 0.3037, 0.2779

Sweetspot

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



17.0403, 0.3707, 0.3850



35.4329, 0.3281, 0.3450



11.8384, 0.3621, 0.2988



8.2287, 0.3300, 0.3469



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.



17.0403, 0.3707, 0.3850



28.4823, 0.3856, 0.3975



20.1698, 0.3537, 0.4133



4.7803, 0.3263, 0.3432



10.9009, 0.4924, 0.4472



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.3651, 0.2581, 0.2656



18.9904, 0.2451, 0.2488



10.1036, 0.2624, 0.2338



4.4327, 0.2993, 0.3144



3.3051, 0.1654, 0.1152



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.0395, 0.3707, 0.3850 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 17.0395, 0.3707, 0.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

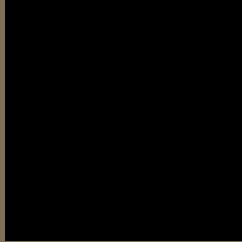
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0395, 0.3707, 0.3850

Background



This preview shows how black text looks on a background with the Yxy color 17.0395, 0.3707, 0.3850.



This preview shows how white text looks on a background with the Yxy color 17.0395, 0.3707, 0.3850.

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

17.0395, 0.3707, 0.3850

Protanopia

17.1283, 0.3612, 0.3882

Deuteranopia

17.0420, 0.3828, 0.3755



Tritanopia

17.1272, 0.3339, 0.3143

Trichromacy



Original Color

17.0395, 0.3707, 0.3850

Protanomaly

17.0505, 0.3646, 0.3857

Deuteranomaly

17.0113, 0.3778, 0.3781

Tritanomaly

16.9971, 0.3483, 0.3385

Monochromacy



Original Color

17.0395, 0.3707, 0.3850

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.9358, 0.3330, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0395, 0.3707, 0.3850 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(128, 113, 84)` looks like.

```
.text, #text, p{  
    color:rgb(128, 113, 84)  
}
```

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(128, 113, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 113, 84) }
```

Border

The CSS property to change the border of an element to Yxy 17.0395, 0.3707, 0.3850 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(128, 113, 84) }
```

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

```
.border{ border-color:rgb(128, 113, 84) }
```

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

Here you see how a box with a 4 pixel rgb(128, 113, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 113, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 113, 84);  
box-shadow:4px 4px 4px 4px rgb(128, 113,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0395, 0.3707, 0.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 113, 84) }
```

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

```
.background{ background-color: rgb(128,  
113, 84) }
```

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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