

Converting Colors

$Y_{xy}(17.6885, 0.3673, 0.3320)$

Have a look what the booklet for
Yxy(17.6885, 0.3673, 0.3320)
contains.

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Color

Yxy(17.7855, 0.3674, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	916C6A
RGB	145, 108, 106
RGB Percent	57%, 42%, 42%
CMY	0.4314, 0.5764, 0.5843
CMYK	0.00, 0.26, 0.27, 0.43
HSL	3°, 16%, 49%
HSV	3°, 27%, 57%
XYZ	19.6405, 17.7855, 16.0321
YIQ	118.8350, 22.6940, 7.2220

Conversions

Conversions Part 2

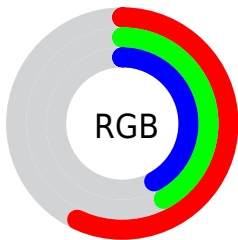
Format	Color
R_{YB}	145, 108, 106
Decimal	9530474
CIE _{Lab}	49.23, 14.42, 6.86
CIE _{LCh}	49, 15.968, 25.457
Yxy	17.7855, 0.3674, 0.3327
Android (android.graphics.Color)	4287720554 (0xFF916C6A)
YUV	118.8350, -6.3277, 22.9467
Hunter-Lab	42.1729, 9.3275, 6.9818

Details

The Yxy color **17.7855, 0.3674, 0.3327** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7491, 0.2743, 0.3253**, and the grayscale version is **18.4083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8553, 0.3549, 0.3330**, and **5.8746, 0.3909, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **14.8339, 0.3967, 0.3342**, and if you desaturate by 10%, it is **21.2473, 0.3434, 0.3313**.

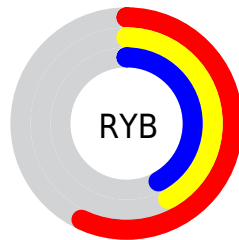
Distribution



Red (57%)

Green (42%)

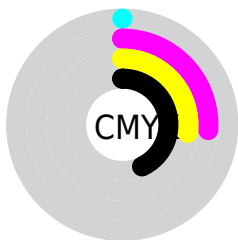
Blue (42%)



Red (57%)

Yellow (42%)

Blue (42%)

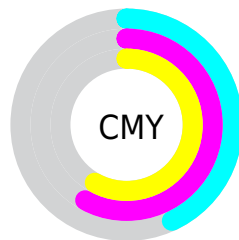


Cyan (0%)

Magenta (26%)

Yellow (27%)

Black (43%)



Cyan (43%)

Magenta (58%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7855, 0.3674, 0.3327 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 17.7855, 0.3674, 0.3327 by changing the saturation by 10% instead.


 17.7855, 0.3674,
0.3327


 17.7855, 0.3674,
0.3327


239.6592, 0.3355,
0.3311


 10.7961, 0.3775,
0.3329


 39.6715, 0.3544,
0.3322


 5.9299, 0.3920,
0.3330

 55.3369, 0.3500,
0.3320

 2.8025, 0.4148,
0.3325

 74.6630, 0.3464,
0.3318

 1.0295, 0.4609,
0.3338

 98.0343, 0.3434,
0.3316

 0.0000, 1.0000,
0.0000

125.8352, 0.3410,
0.3315

 0.0000, 0.0000,
0.0000

158.4501, 0.3389,

0.3313

196.2633, 0.3370,
0.3312

■ 17.7855, 0.3674,
0.3327

■ 17.7855, 0.3674,
0.3327

■ 14.8339, 0.3967,
0.3342

■ 21.2473, 0.3434,
0.3313

■ 12.3662, 0.4320,
0.3355

■ 25.2394, 0.3239,
0.3299

■ 10.3572, 0.4729,
0.3366


■ 29.7834, 0.3082,
0.3286


■ 8.7787, 0.5177,
0.3371


■ 34.8995, 0.2954,
0.3275

■ 7.5992, 0.5625,
0.3368


■ 40.6063, 0.2849,
0.3264


 6.7829, 0.6010,
0.3355

 46.9221, 0.2763,
0.3255

 6.2860, 0.6281,
0.3337

 53.8641, 0.2692,
0.3247

 6.1817, 0.6351,
0.3339

 61.4488, 0.2632,
0.3239

 69.6923, 0.2582,
0.3232

Harmonies

Analogous

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



17.7855, 0.3453, 0.3080



17.7855, 0.3674, 0.3327



17.7855, 0.3740, 0.3578

Triad

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



17.7855, 0.3674, 0.3327



17.7855, 0.3084, 0.3746



17.7855, 0.2636, 0.2811

Complementary

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



17.7855, 0.3674, 0.3327



24.7491, 0.2743, 0.3253

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.



17.7855, 0.2550, 0.2960



17.7855, 0.3674, 0.3327



17.7855, 0.2800, 0.3508

Square

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



17.7855, 0.3674, 0.3327



17.7855, 0.3389, 0.3840



17.7855, 0.2608, 0.3213



17.7855, 0.2850, 0.2789

Rectangle

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



17.7855, 0.3674, 0.3327



17.7855, 0.3686, 0.3717



17.7855, 0.2608, 0.3213



17.7855, 0.2592, 0.2847

Sweetspot

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



17.7863, 0.3674, 0.3327



44.2410, 0.3262, 0.3301



18.3112, 0.3182, 0.2673



9.6131, 0.3287, 0.3302



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



17.7863, 0.3674, 0.3327



28.6952, 0.3836, 0.3336



22.3543, 0.3590, 0.3660



5.4659, 0.3280, 0.3302



5.3146, 0.6347, 0.3343



0.0579, 0.6105, 0.3535

Inverse Universe

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



24.7491, 0.2743, 0.3253



43.2193, 0.2670, 0.3244



19.4100, 0.2710, 0.2889



6.0694, 0.2990, 0.3278



17.2401, 0.2204, 0.3133



0.1743, 0.2227, 0.3216

Previews

White Background



This preview shows how the Yxy color 17.7855, 0.3674, 0.3327 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 17.7855, 0.3674, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

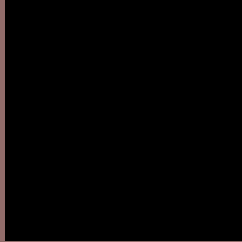
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.7855, 0.3674, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 17.7855, 0.3674, 0.3327.

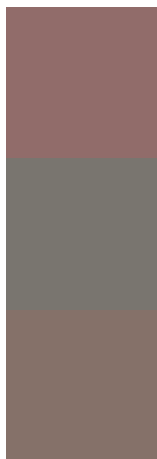


This preview shows how white text looks on a background with the Yxy color 17.7855, 0.3674, 0.3327.

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

17.7855, 0.3674, 0.3327

Protanopia

17.9352, 0.3251, 0.3407

Deuteranopia

17.8167, 0.3500, 0.3440



Tritanopia

17.8642, 0.3565, 0.3152

Trichromacy



Original Color

17.7855, 0.3674, 0.3327

Protanomaly

17.8846, 0.3403, 0.3385

Deuteranomaly

17.7072, 0.3563, 0.3401

Tritanomaly

17.7962, 0.3608, 0.3204

Monochromacy



Original Color

17.7855, 0.3674, 0.3327

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.0656, 0.3310, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7855, 0.3674, 0.3327 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(145, 108, 106)` looks like.

```
.text, #text, p{  
    color:rgb(145, 108, 106)  
}
```

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(145, 108, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 108, 106) }
```

Border

The CSS property to change the border of an element to Yxy 17.7855, 0.3674, 0.3327 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(145, 108, 106) }
```

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

```
.border{ border-color:rgb(145, 108, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 108, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 108, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 108, 106);  
box-shadow:4px 4px 4px 4px rgb(145, 108,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7855, 0.3674, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 108, 106) }
```

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

```
.background{ background-color: rgb(145,  
108, 106) }
```

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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