

Converting Colors

$Y_{xy}(17.2655, 0.3607, 0.3221)$

Have a look what the booklet for
Yxy(17.2655, 0.3607, 0.3221)
contains.

Yxy(17.2735, 0.3597, 0.3220)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.2735, 0.3597, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	8F6A6E
RGB	143, 106, 110
RGB Percent	56%, 42%, 43%
CMY	0.4393, 0.5843, 0.5685
CMYK	0.00, 0.26, 0.23, 0.44
HSL	353°, 15%, 49%
HSV	353°, 26%, 56%
XYZ	19.2959, 17.2735, 17.0750
YIQ	117.5190, 20.7680, 9.0880

Conversions

Conversions Part 2

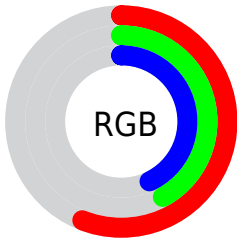
Format	Color
R_{YB}	143, 106, 110
Decimal	9398894
CIE _{Lab}	48.60, 15.40, 3.53
CIE _{LCh}	49, 15.803, 12.914
Yxy	17.2735, 0.3597, 0.3220
Android (android.graphics.Color)	4287588974 (0xFF8F6A6E)
YUV	117.5190, -3.7069, 22.3468
Hunter-Lab	41.5614, 10.1405, 4.7344

Details

The Yxy color **17.2735, 0.3597, 0.3220** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.5700, 0.2795, 0.3362**, and the grayscale version is **17.9663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5575, 0.3487, 0.3239**, and **5.6603, 0.3808, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **14.3106, 0.3858, 0.3192**, and if you desaturate by 10%, it is **20.7694, 0.3384, 0.3248**.

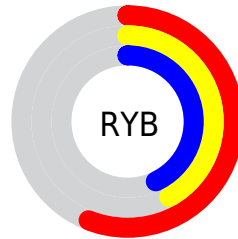
Distribution



Red (56%)

Green (42%)

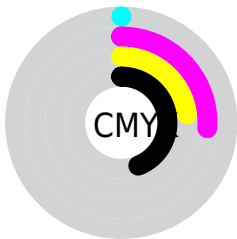
Blue (43%)



Red (56%)

Yellow (42%)

Blue (43%)

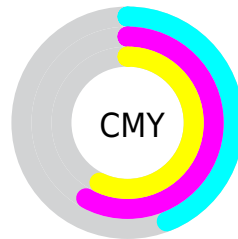


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (44%)



Cyan (44%)


Magenta (58%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.2735, 0.3597, 0.3220 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 17.2735, 0.3597, 0.3220 by changing the saturation by 10% instead.


 17.2735, 0.3597,
0.3220


 17.2735, 0.3597,
0.3220


236.7436, 0.3322,
0.3264


 10.4297, 0.3684,
0.3205


 38.7954, 0.3485,
0.3239


 5.6848, 0.3810,
0.3181

 54.2423, 0.3447,
0.3245

 2.6544, 0.4010,
0.3142

 73.3257, 0.3416,
0.3250

 0.9541, 0.4385,
0.3071

 96.4299, 0.3391,
0.3253

 0.0000, 1.0000,
0.0000

123.9395, 0.3369,
0.3257

 0.0000, 0.0000,
0.0000

156.2386, 0.3351,

0.3259

193.7119, 0.3336,
0.3262

■ 17.2735, 0.3597,
0.3220

■ 17.2735, 0.3597,
0.3220

■ 14.3106, 0.3858,
0.3192

■ 20.7694, 0.3384,
0.3248

■ 11.8522, 0.4174,
0.3165

■ 24.8202, 0.3212,
0.3275

■ 9.8709, 0.4547,
0.3145

■ 29.4493, 0.3073,
0.3300

■ 8.3357, 0.4965,
0.3134

■ 34.6784, 0.2960,
0.3323

■ 7.2118, 0.5402,
0.3139

■ 40.5277, 0.2868,
0.3344

■ 6.4595, 0.5808,
0.3163

■ 47.0168, 0.2793,
0.3363

■ 6.0206, 0.6130,
0.3203

■ 54.1641, 0.2731,
0.3380

■ 5.8748, 0.6240,
0.3211

■ 61.9875, 0.2679,
0.3395

■ 70.5042, 0.2636,
0.3409

Harmonies

Analogous

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



17.2735, 0.3330, 0.2990



17.2735, 0.3597, 0.3220



17.2735, 0.3733, 0.3476

Triad

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



17.2735, 0.3597, 0.3220



17.2735, 0.3213, 0.3805



17.2735, 0.2583, 0.2859

Complementary

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



17.2735, 0.3597, 0.3220



24.5700, 0.2795, 0.3362

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.



17.2735, 0.2557, 0.3056



17.2735, 0.3597, 0.3220



17.2735, 0.2911, 0.3620

Square

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



17.2735, 0.3597, 0.3220



17.2735, 0.3503, 0.3829



17.2735, 0.2674, 0.3337



17.2735, 0.2747, 0.2783

Rectangle

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



17.2735, 0.3597, 0.3220



17.2735, 0.3728, 0.3633



17.2735, 0.2674, 0.3337



17.2735, 0.2558, 0.2912

Sweetspot

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



17.2743, 0.3597, 0.3220



42.6936, 0.3249, 0.3269



17.7532, 0.3101, 0.2659



9.5528, 0.3272, 0.3265



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.



17.2743, 0.3597, 0.3220



27.7533, 0.3742, 0.3204



20.3566, 0.3594, 0.3540



5.4330, 0.3265, 0.3266



5.1969, 0.6232, 0.3207



0.0512, 0.5574, 0.2845

Inverse Universe

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



17.2743, 0.3597, 0.3220



27.7533, 0.3742, 0.3204



20.6987, 0.2737, 0.3025



5.4330, 0.3265, 0.3266



5.1969, 0.6232, 0.3207



0.0512, 0.5574, 0.2845

Previews

White Background



This preview shows how the Yxy color 17.2735, 0.3597, 0.3220 looks on a white background.

Color Contrast Check

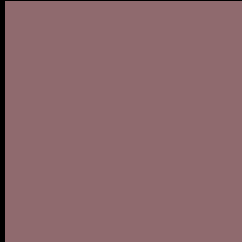
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2735, 0.3597, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

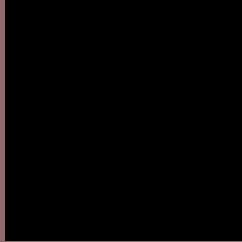
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2735, 0.3597, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 17.2735, 0.3597, 0.3220.



This preview shows how white text looks on a background with the Yxy color 17.2735, 0.3597, 0.3220.

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

17.2735, 0.3597, 0.3220

Protanopia

17.3508, 0.3166, 0.3290

Deuteranopia

17.3596, 0.3395, 0.3348



Tritanopia

17.1577, 0.3544, 0.3132

Trichromacy



Original Color

17.2735, 0.3597, 0.3220

Protanomaly

17.2926, 0.3316, 0.3272

Deuteranomaly

17.3243, 0.3471, 0.3310

Tritanomaly

17.1350, 0.3558, 0.3150

Monochromacy



Original Color

17.2735, 0.3597, 0.3220

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.7845, 0.3286, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2735, 0.3597, 0.3220 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(143, 106, 110)` looks like.

```
.text, #text, p{  
    color:rgb(143, 106, 110)  
}
```

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(143, 106, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 106, 110) }
```

Border

The CSS property to change the border of an element to Yxy 17.2735, 0.3597, 0.3220 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(143, 106, 110) }
```

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

```
.border{ border-color:rgb(143, 106, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 106, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 106, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 106, 110);  
box-shadow:4px 4px 4px 4px rgb(143, 106,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2735, 0.3597, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 106, 110) }
```

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

```
.background{ background-color: rgb(143,  
106, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor