

Converting Colors

$Y_{xy}(17.6643, 0.3635, 0.3299)$

Have a look what the booklet for
Yxy(17.6643, 0.3635, 0.3299)
contains.

Yxy(17.7160, 0.3646, 0.3309)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(17.7160, 0.3646, 0.3309)

Conversions

Conversions Part 1

Format	Color
Hex	906C6B
RGB	144, 108, 107
RGB Percent	56%, 42%, 42%
CMY	0.4352, 0.5765, 0.5804
CMYK	0.00, 0.25, 0.26, 0.44
HSL	2°, 15%, 49%
HSV	2°, 26%, 56%
XYZ	19.5203, 17.7160, 16.3026
YIQ	118.6500, 21.7770, 7.3210

Conversions

Conversions Part 2

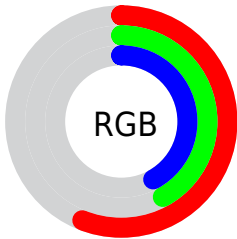
Format	Color
R_{YB}	144, 108, 107
Decimal	9464939
CIE _{Lab}	49.15, 14.18, 6.13
CIE _{LCh}	49, 15.447, 23.366
Yxy	17.7160, 0.3646, 0.3309
Android (android.graphics.Color)	4287655019 (0xFF906C6B)
YUV	118.6500, -5.7435, 22.2319
Hunter-Lab	42.0904, 9.1248, 6.4989

Details

The Yxy color **17.7160, 0.3646, 0.3309** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7932, 0.2761, 0.3271**, and the grayscale version is **18.3457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7523, 0.3529, 0.3317**, and **5.8851, 0.3886, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **14.7159, 0.3936, 0.3317**, and if you desaturate by 10%, it is **21.2436, 0.3410, 0.3301**.

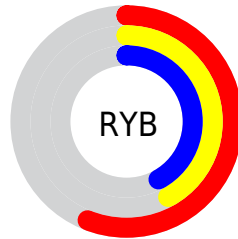
Distribution



Red (56%)

Green (42%)

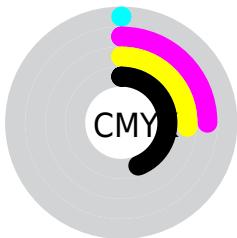
Blue (42%)



Red (56%)

Yellow (42%)

Blue (42%)

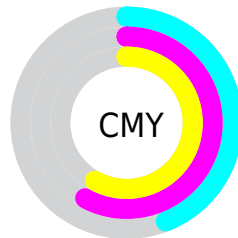


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (44%)



Cyan (44%)


Magenta (58%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7160, 0.3646, 0.3309 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 17.7160, 0.3646, 0.3309 by changing the saturation by 10% instead.


 17.7160, 0.3646,
0.3309


 17.7160, 0.3646,
0.3309


239.2654, 0.3343,
0.3303


 10.7463, 0.3742,
0.3308


 39.5528, 0.3523,
0.3308


 5.8965, 0.3880,
0.3306

 55.1887, 0.3481,
0.3307

 2.7822, 0.4097,
0.3296

 74.4820, 0.3447,
0.3306

 1.0191, 0.4526,
0.3293

 97.8173, 0.3419,
0.3305

 0.0000, 1.0000,
0.0000

125.5789, 0.3395,
0.3305

 0.0000, 0.0000,
0.0000

158.1512, 0.3375,

0.3304

195.9185, 0.3358,
0.3303

■ 17.7160, 0.3646,
0.3309

■ 17.7160, 0.3646,
0.3309

■ 14.7159, 0.3936,
0.3317

■ 21.2436, 0.3410,
0.3301

■ 12.2156, 0.4287,
0.3325

■ 25.3197, 0.3219,
0.3294

■ 10.1888, 0.4698,
0.3331


■ 29.9672, 0.3065,
0.3287

■ 8.6056, 0.5150,
0.3334

■ 35.2069, 0.2940,
0.3281


■ 7.4327, 0.5605,
0.3334


■ 41.0587, 0.2839,
0.3276

 6.6323, 0.6000,
0.3327


 47.5414, 0.2755,
0.3271

 6.1587, 0.6275,
0.3319

 54.6731, 0.2686,
0.3266

 6.0142, 0.6375,
0.3320

 62.4712, 0.2629,
0.3262

 70.9523, 0.2581,
0.3259

Harmonies

Analogous

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



17.7160, 0.3424, 0.3071



17.7160, 0.3646, 0.3309



17.7160, 0.3721, 0.3554

Triad

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



17.7160, 0.3646, 0.3309



17.7160, 0.3106, 0.3742



17.7160, 0.2641, 0.2832

Complementary

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



17.7160, 0.3646, 0.3309



24.7932, 0.2761, 0.3271

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.



17.7160, 0.2567, 0.2985



17.7160, 0.3646, 0.3309



17.7160, 0.2827, 0.3520

Square

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



17.7160, 0.3646, 0.3309



17.7160, 0.3401, 0.3823



17.7160, 0.2633, 0.3236



17.7160, 0.2841, 0.2802

Rectangle

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



17.7160, 0.3646, 0.3309



17.7160, 0.3677, 0.3692



17.7160, 0.2633, 0.3236



17.7160, 0.2601, 0.2870

Sweetspot

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



17.7168, 0.3646, 0.3309



42.7823, 0.3262, 0.3296



18.4430, 0.3164, 0.2683



9.5761, 0.3288, 0.3297



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.



17.7168, 0.3646, 0.3309



27.9895, 0.3811, 0.3314



21.9469, 0.3571, 0.3622



5.4457, 0.3281, 0.3296



5.2417, 0.6373, 0.3322



0.0538, 0.6241, 0.3427

Inverse Universe

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



24.7932, 0.2761, 0.3271



42.7093, 0.2686, 0.3266



19.7810, 0.2731, 0.2933



6.0919, 0.2991, 0.3284



18.1311, 0.2225, 0.3208



0.1784, 0.2236, 0.3251

Previews

White Background



This preview shows how the Yxy color 17.7160, 0.3646, 0.3309 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 17.7160, 0.3646, 0.3309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

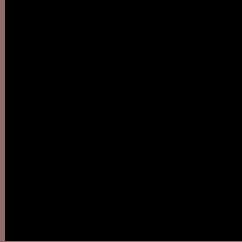
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.7160, 0.3646, 0.3309

Background



This preview shows how black text looks on a background with the Yxy color 17.7160, 0.3646, 0.3309.



This preview shows how white text looks on a background with the Yxy color 17.7160, 0.3646, 0.3309.

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

17.7160, 0.3646, 0.3309

Protanopia

17.8855, 0.3226, 0.3387

Deuteranopia

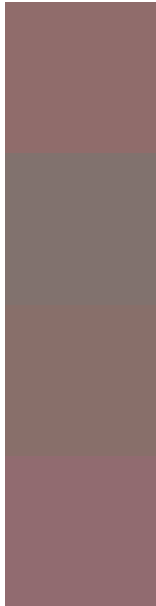
17.7564, 0.3473, 0.3422



Tritanopia

17.7729, 0.3551, 0.3151

Trichromacy



Original Color

17.7160, 0.3646, 0.3309

Protanomaly

17.8275, 0.3377, 0.3366

Deuteranomaly

17.6437, 0.3536, 0.3383

Tritanomaly

17.7050, 0.3594, 0.3204

Monochromacy



Original Color

17.7160, 0.3646, 0.3309

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.0885, 0.3298, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7160, 0.3646, 0.3309 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(144, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(144, 108, 107)  
}
```

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(144, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 108, 107) }
```

Border

The CSS property to change the border of an element to Yxy 17.7160, 0.3646, 0.3309 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(144, 108, 107) }
```

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

```
.border{ border-color:rgb(144, 108, 107) }
```

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

Here you see how a box with a 4 pixel rgb(144, 108, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(144, 108,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7160, 0.3646, 0.3309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 108, 107) }
```

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

```
.background{ background-color: rgb(144,  
108, 107) }
```

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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