

Converting Colors

$Y_{xy}(17.5037, 0.3698, 0.3432)$

Have a look what the booklet for
Yxy(17.5037, 0.3698, 0.3432)
contains.

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Color

Yxy(17.6276, 0.3697, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	8E6D65
RGB	142, 109, 101
RGB Percent	56%, 43%, 40%
CMY	0.4432, 0.5725, 0.6039
CMYK	0.00, 0.23, 0.29, 0.44
HSL	12°, 17%, 48%
HSV	12°, 29%, 56%
XYZ	18.9721, 17.6276, 14.7179
YIQ	117.9550, 22.2360, 4.5080

Conversions

Conversions Part 2

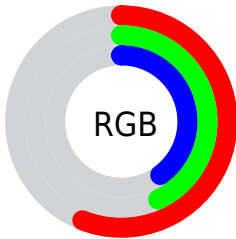
Format	Color
RYB	142, 111, 101
Decimal	9334117
CIELab	49.04, 11.86, 9.50
CIElCh	49, 15.195, 38.689
Yxy	17.6276, 0.3697, 0.3435
Android (android.graphics.Color)	4287524197 (0xFF8E6D65)
YUV	117.9550, -8.3588, 21.0875
Hunter-Lab	41.9852, 7.1857, 8.6056

Details

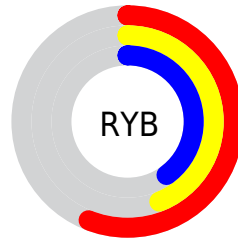
The Yxy color **17.6276, 0.3697, 0.3435** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7698, 0.2707, 0.3139**, and the grayscale version is **18.1238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4925, 0.3555, 0.3410**, and **5.8280, 0.3972, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **15.0914, 0.3974, 0.3488**, and if you desaturate by 10%, it is **20.5307, 0.3465, 0.3382**.

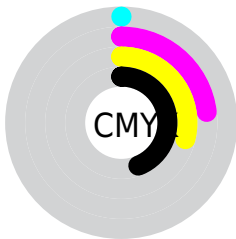
Distribution



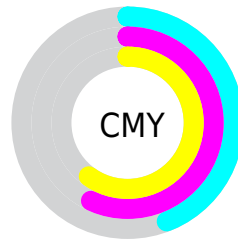
- Red (56%)
- Green (43%)
- Blue (40%)



- Red (56%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (23%)
- Yellow (29%)
- Black (44%)




- Cyan (44%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6276, 0.3697, 0.3435 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 17.6276, 0.3697, 0.3435 by changing the saturation by 10% instead.


 17.6276, 0.3697,
0.3435


 17.6276, 0.3697,
0.3435


238.7636, 0.3364,
0.3357


 10.6830, 0.3802,
0.3456


 39.4017, 0.3561,
0.3406


 5.8541, 0.3954,
0.3482

 55.0000, 0.3515,
0.3395

 2.7565, 0.4192,
0.3516

 74.2516, 0.3478,
0.3386

 1.0060, 0.4773,
0.3673

 97.5410, 0.3447,
0.3378

 0.0000, 1.0000,
0.0000

125.2524, 0.3421,
0.3372

 0.0000, 0.0000,
0.0000

157.7704, 0.3399,

0.3366

195.4793, 0.3380,
0.3361

■ 17.6276, 0.3697,
0.3435

■ 17.6276, 0.3697,
0.3435

■ 15.0914, 0.3974,
0.3488

■ 20.5307, 0.3465,
0.3382

■ 12.9050, 0.4298,
0.3537

■ 23.8119, 0.3271,
0.3332

■ 11.0536, 0.4667,
0.3576


■ 27.4853, 0.3110,
0.3285

■ 9.5204, 0.5066,
0.3598


■ 31.5631, 0.2977,
0.3241


■ 8.2871, 0.5468,
0.3593


■ 36.0573, 0.2865,
0.3202

 7.3335, 0.5829,
0.3557

 40.9792, 0.2772,
0.3166

 6.6322, 0.6123,
0.3500

 46.3399, 0.2693,
0.3133

 6.5660, 0.6155,
0.3495

 52.1498, 0.2626,
0.3103

 58.4192, 0.2569,
0.3076

Harmonies

Analogous

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



17.6276, 0.3546, 0.3190



17.6276, 0.3697, 0.3435



17.6276, 0.3686, 0.3658

Triad

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



17.6276, 0.3697, 0.3435



17.6276, 0.2959, 0.3637



17.6276, 0.2735, 0.2808

Complementary

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



17.6276, 0.3697, 0.3435



21.7698, 0.2707, 0.3139

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.



17.6276, 0.2595, 0.2898



17.6276, 0.3697, 0.3435



17.6276, 0.2720, 0.3375

Square

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



17.6276, 0.3697, 0.3435



17.6276, 0.3252, 0.3794



17.6276, 0.2589, 0.3101



17.6276, 0.2982, 0.2839

Rectangle

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



17.6276, 0.3697, 0.3435



17.6276, 0.3590, 0.3763



17.6276, 0.2589, 0.3101



17.6276, 0.2674, 0.2824

Sweetspot

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



17.6284, 0.3697, 0.3435



41.7955, 0.3277, 0.3334



16.7946, 0.3257, 0.2715



9.1595, 0.3300, 0.3340



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



17.6284, 0.3697, 0.3435



27.9494, 0.3882, 0.3471



22.3940, 0.3604, 0.3779



5.5839, 0.3277, 0.3334



5.9182, 0.6148, 0.3501



0.0818, 0.5499, 0.4016

Inverse Universe

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



21.7698, 0.2707, 0.3139



36.5408, 0.2615, 0.3098



16.7526, 0.2667, 0.2747



5.9401, 0.2990, 0.3246



12.6459, 0.2075, 0.2669



0.1504, 0.2166, 0.2996

Previews

White Background



This preview shows how the Yxy color 17.6276, 0.3697, 0.3435 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 17.6276, 0.3697, 0.3435 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 17.6276, 0.3697, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 17.6276, 0.3697, 0.3435.

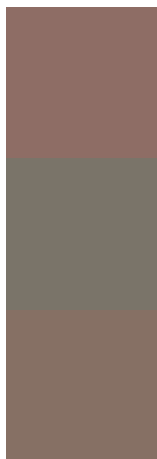


This preview shows how white text looks on a background with the Yxy color 17.6276, 0.3697, 0.3435.

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

17.6276, 0.3697, 0.3435

Protanopia

17.6483, 0.3341, 0.3505

Deuteranopia

17.5768, 0.3585, 0.3515



Tritanopia

17.6825, 0.3538, 0.3151

Trichromacy



Original Color

17.6276, 0.3697, 0.3435

Protanomaly

17.4769, 0.3458, 0.3462

Deuteranomaly

17.6073, 0.3631, 0.3494

Tritanomaly

17.6906, 0.3590, 0.3256

Monochromacy



Original Color

17.6276, 0.3697, 0.3435

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.9433, 0.3322, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6276, 0.3697, 0.3435 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(142, 109, 101)` looks like.

```
.text, #text, p{  
    color:rgb(142, 109, 101)  
}
```

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(142, 109, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 109, 101) }
```

Border

The CSS property to change the border of an element to Yxy 17.6276, 0.3697, 0.3435 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(142, 109, 101) }
```

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

```
.border{ border-color:rgb(142, 109, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 109, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 109, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 109, 101);  
box-shadow:4px 4px 4px 4px rgb(142, 109,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6276, 0.3697, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 109, 101) }
```

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

```
.background{ background-color: rgb(142,  
109, 101) }
```

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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