

Converting Colors

$Y_{xy}(17.2995, 0.3836, 0.3427)$

Have a look what the booklet for
Yxy(17.2995, 0.3836, 0.3427)
contains.

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Color

Yxy(17.1880, 0.3832, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	936962
RGB	147, 105, 98
RGB Percent	58%, 41%, 38%
CMY	0.4236, 0.5882, 0.6157
CMYK	0.00, 0.29, 0.33, 0.42
HSL	9°, 20%, 48%
HSV	9°, 33%, 58%
XYZ	19.2868, 17.1880, 13.8561
YIQ	116.7600, 27.2790, 6.7270

Conversions

Conversions Part 2

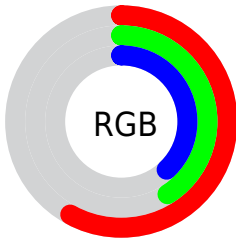
Format	Color
R_{YB}	147, 106, 98
Decimal	9660770
CIE Lab	48.50, 15.82, 10.60
CIE LCh	48, 19.041, 33.833
Yxy	17.1880, 0.3832, 0.3415
Android (android.graphics.Color)	4287850850 (0xFF936962)
YUV	116.7600, -9.2487, 26.5205
Hunter-Lab	41.4584, 10.4875, 9.2052

Details

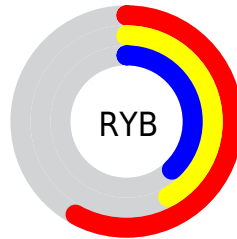
The Yxy color **17.1880, 0.3832, 0.3415** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.4516, 0.2651, 0.3160**, and the grayscale version is **17.7341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5034, 0.3660, 0.3382**, and **5.6071, 0.4152, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **14.5574, 0.4143, 0.3453**, and if you desaturate by 10%, it is **20.2513, 0.3572, 0.3376**.

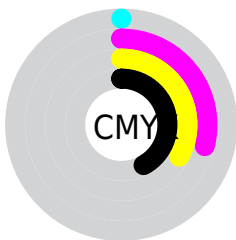
Distribution



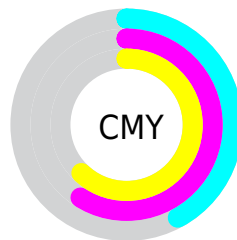
- Red (58%)
- Green (41%)
- Blue (38%)



- Red (58%)
- Yellow (42%)
- Blue (38%)



- Cyan (0%)
- Magenta (29%)
- Yellow (33%)
- Black (42%)





- Cyan (42%)
- Magenta (59%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1880, 0.3832, 0.3415 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 17.1880, 0.3832, 0.3415 by changing the saturation by 10% instead.


 17.1880, 0.3832,
0.3415


 17.1880, 0.3832,
0.3415


236.2534, 0.3418,
0.3351


 10.3686, 0.3963,
0.3429


 38.6487, 0.3663,
0.3392


 5.6440, 0.4154,
0.3445


 54.0589, 0.3605,
0.3384

 2.6299, 0.4452,
0.3459

 73.1014, 0.3559,
0.3376

 0.9417, 0.5263,
0.3643

 96.1607, 0.3521,
0.3370

 0.0000, 1.0000,
0.0000

123.6211, 0.3489,
0.3364

 0.0000, 0.0000,
0.0000

155.8672, 0.3462,

0.3360

193.2831, 0.3438,
0.3355

■ 17.1880, 0.3832,
0.3415

■ 17.1880, 0.3832,
0.3415

■ 14.5574, 0.4143,
0.3453

■ 20.2513, 0.3572,
0.3376

■ 12.3375, 0.4506,
0.3486

■ 23.7630, 0.3356,
0.3337

■ 10.5083, 0.4912,
0.3508


■ 27.7411, 0.3179,
0.3301

■ 9.0470, 0.5338,
0.3513


■ 32.2018, 0.3033,
0.3268


■ 7.9282, 0.5742,
0.3494


■ 37.1606, 0.2912,
0.3238


 7.1237, 0.6069,
0.3449

 42.6322, 0.2813,
0.3210

 6.7394, 0.6246,
0.3423

 48.6309, 0.2729,
0.3185

 55.1702, 0.2659,
0.3163

 62.2633, 0.2600,
0.3142

Harmonies

Analogous

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



17.1880, 0.3610, 0.3114



17.1880, 0.3832, 0.3415



17.1880, 0.3850, 0.3705

Triad

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



17.1880, 0.3832, 0.3415



17.1880, 0.2969, 0.3779



17.1880, 0.2596, 0.2694

Complementary

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



17.1880, 0.3832, 0.3415



23.4516, 0.2651, 0.3160

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.



17.1880, 0.2450, 0.2826



17.1880, 0.3832, 0.3415



17.1880, 0.2655, 0.3454

Square

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



17.1880, 0.3832, 0.3415



17.1880, 0.3339, 0.3948



17.1880, 0.2470, 0.3098



17.1880, 0.2885, 0.2713

Rectangle

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



17.1880, 0.3832, 0.3415



17.1880, 0.3746, 0.3856



17.1880, 0.2470, 0.3098



17.1880, 0.2530, 0.2721

Sweetspot

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



17.1888, 0.3832, 0.3415



44.6985, 0.3297, 0.3326



16.8439, 0.3250, 0.2586



10.0022, 0.3321, 0.3331



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



17.1888, 0.3832, 0.3415



27.1856, 0.4060, 0.3444



22.7904, 0.3702, 0.3820



5.9414, 0.3279, 0.3322



5.8678, 0.6238, 0.3429



0.0975, 0.5689, 0.3865

Inverse Universe

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



23.4516, 0.2651, 0.3160



40.1649, 0.2557, 0.3126



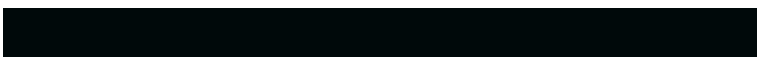
17.1846, 0.2594, 0.2695



6.4222, 0.2990, 0.3258



14.7815, 0.2123, 0.2841



0.2121, 0.2189, 0.3079

Previews

White Background



This preview shows how the Yxy color 17.1880, 0.3832, 0.3415 looks on a white background.

Color Contrast Check

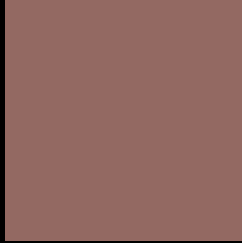
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1880, 0.3832, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

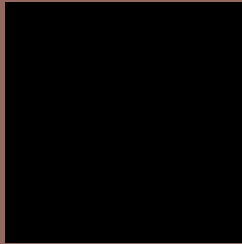
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1880, 0.3832, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 17.1880, 0.3832, 0.3415.

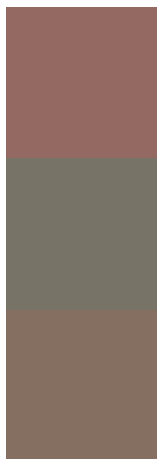


This preview shows how white text looks on a background with the Yxy color 17.1880, 0.3832, 0.3415.

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

17.1880, 0.3832, 0.3415

Protanopia

17.2338, 0.3341, 0.3527

Deuteranopia

17.2185, 0.3616, 0.3554



Tritanopia

17.1441, 0.3666, 0.3153

Trichromacy



Original Color

17.1880, 0.3832, 0.3415

Protanomaly

17.0543, 0.3519, 0.3481

Deuteranomaly

17.2036, 0.3696, 0.3512

Tritanomaly

17.2371, 0.3735, 0.3257

Monochromacy



Original Color

17.1880, 0.3832, 0.3415

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.5252, 0.3366, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1880, 0.3832, 0.3415 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(147, 105, 98)` looks like.

```
.text, #text, p{  
    color:rgb(147, 105, 98)  
}
```

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(147, 105, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 105, 98) }
```

Border

The CSS property to change the border of an element to Yxy 17.1880, 0.3832, 0.3415 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(147, 105, 98) }
```

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

```
.border{ border-color:rgb(147, 105, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 105, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 105, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 105, 98);  
box-shadow:4px 4px 4px 4px rgb(147, 105,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1880, 0.3832, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 105, 98) }
```

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

```
.background{ background-color: rgb(147,  
105, 98) }
```

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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