

Converting Colors

$Y_{xy}(17.4024, 0.3987, 0.3459)$

Have a look what the booklet for
Yxy(17.4024, 0.3987, 0.3459)
contains.

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Color

Yxy(17.4811, 0.3982, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	99685E
RGB	153, 104, 94
RGB Percent	60%, 41%, 37%
CMY	0.4000, 0.5921, 0.6313
CMYK	0.00, 0.32, 0.39, 0.40
HSL	10°, 24%, 48%
HSV	10°, 39%, 60%
XYZ	20.1068, 17.4811, 12.9063
YIQ	117.5110, 32.4140, 7.2780

Conversions

Conversions Part 2

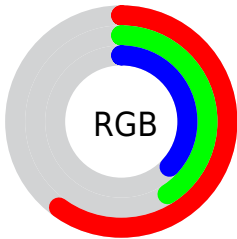
Format	Color
RYB	153, 106, 94
Decimal	10053726
CIELab	48.86, 18.35, 13.58
CIELCh	49, 22.832, 36.508
Yxy	17.4811, 0.3982, 0.3462
Android (android.graphics.Color)	4288243806 (0xFF99685E)
YUV	117.5110, -11.5909, 31.1239
Hunter-Lab	41.8104, 12.6732, 10.9652

Details

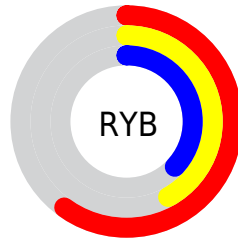
The Yxy color **17.4811, 0.3982, 0.3462** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.3233, 0.2579, 0.3107**, and the grayscale version is **17.9860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0116, 0.3786, 0.3431**, and **5.7511, 0.4371, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **14.8656, 0.4315, 0.3505**, and if you desaturate by 10%, it is **20.5382, 0.3699, 0.3416**.

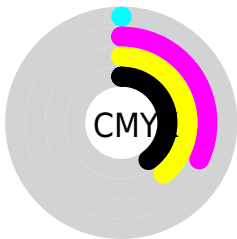
Distribution



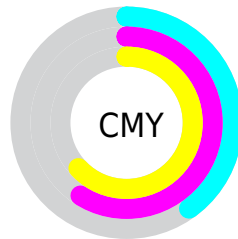
- Red (60%)
- Green (41%)
- Blue (37%)



- Red (60%)
- Yellow (42%)
- Blue (37%)



- Cyan (0%)
- Magenta (32%)
- Yellow (39%)
- Black (40%)





- Cyan (40%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4811, 0.3982, 0.3462 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 17.4811, 0.3982, 0.3462 by changing the saturation by 10% instead.


 17.4811, 0.3982,
0.3462


 17.4811, 0.3982,
0.3462


237.9298, 0.3481,
0.3376


 10.5781, 0.4139,
0.3480


 39.1511, 0.3778,
0.3432


 5.7839, 0.4366,
0.3499

 54.6869, 0.3709,
0.3420

 2.7141, 0.4716,
0.3511

 73.8691, 0.3652,
0.3410

 0.9844, 0.5769,
0.3777

 97.0821, 0.3606,
0.3401

 0.0000, 1.0000,
0.0000

124.7103, 0.3567,
0.3394

 0.0000, 0.0000,
0.0000

157.1380, 0.3534,

0.3387

194.7497, 0.3506,
0.3381

■ 17.4811, 0.3982,
0.3462

■ 17.4811, 0.3982,
0.3462

■ 14.8656, 0.4315,
0.3505

■ 20.5382, 0.3699,
0.3416

■ 12.6687, 0.4696,
0.3539

■ 24.0535, 0.3463,
0.3370

■ 10.8693, 0.5108,
0.3556


■ 28.0456, 0.3267,
0.3325


■ 9.4432, 0.5521,
0.3549


■ 32.5317, 0.3106,
0.3284


■ 8.3635, 0.5887,
0.3513

■ 37.5279, 0.2972,
0.3246


 7.5961, 0.6171,
0.3458

 43.0495, 0.2861,
0.3212

 7.5073, 0.6209,
0.3452

 49.1113, 0.2769,
0.3181

 55.7275, 0.2691,
0.3152

 62.9118, 0.2625,
0.3127

Harmonies

Analogous

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



17.4811, 0.3735, 0.3109



17.4811, 0.3982, 0.3462



17.4811, 0.3977, 0.3801

Triad

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



17.4811, 0.3982, 0.3462



17.4811, 0.2898, 0.3851



17.4811, 0.2523, 0.2583

Complementary

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



17.4811, 0.3982, 0.3462



24.3233, 0.2579, 0.3107

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.



17.4811, 0.2337, 0.2715



17.4811, 0.3982, 0.3462



17.4811, 0.2540, 0.3444

Square

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



17.4811, 0.3982, 0.3462



17.4811, 0.3335, 0.4074



17.4811, 0.2342, 0.3020



17.4811, 0.2874, 0.2622

Rectangle

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



17.4811, 0.3982, 0.3462



17.4811, 0.3837, 0.3977



17.4811, 0.2342, 0.3020



17.4811, 0.2441, 0.2607

Sweetspot

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



17.4819, 0.3982, 0.3462



47.4961, 0.3335, 0.3341



16.7668, 0.3300, 0.2503



10.3032, 0.3357, 0.3347



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



17.4819, 0.3982, 0.3462



27.3430, 0.4257, 0.3498



24.4458, 0.3798, 0.3936



6.3836, 0.3279, 0.3328



6.2411, 0.6198, 0.3460



0.1306, 0.5599, 0.3936

Inverse Universe

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



24.3233, 0.2579, 0.3107



41.2990, 0.2478, 0.3061



16.6404, 0.2497, 0.2542



6.8483, 0.2989, 0.3251



14.5023, 0.2098, 0.2753



0.2584, 0.2171, 0.3016

Previews

White Background



This preview shows how the Yxy color 17.4811, 0.3982, 0.3462 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 17.4811, 0.3982, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

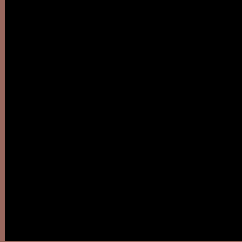
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.4811, 0.3982, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 17.4811, 0.3982, 0.3462.



This preview shows how white text looks on a background with the Yxy color 17.4811, 0.3982, 0.3462.

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

17.4811, 0.3982, 0.3462

Protanopia

17.5485, 0.3403, 0.3604

Deuteranopia

17.6129, 0.3707, 0.3643



Tritanopia

17.4769, 0.3785, 0.3174

Trichromacy



Original Color

17.4811, 0.3982, 0.3462

Protanomaly

17.4567, 0.3598, 0.3554

Deuteranomaly

17.4784, 0.3809, 0.3580

Tritanomaly

17.5700, 0.3854, 0.3275

Monochromacy



Original Color

17.4811, 0.3982, 0.3462

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.7397, 0.3420, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4811, 0.3982, 0.3462 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(153, 104, 94)` looks like.

```
.text, #text, p{  
    color:rgb(153, 104, 94)  
}
```

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(153, 104, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 104, 94) }
```

Border

The CSS property to change the border of an element to Yxy 17.4811, 0.3982, 0.3462 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(153, 104, 94) }
```

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

```
.border{ border-color:rgb(153, 104, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 104, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 104, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 104, 94);  
box-shadow:4px 4px 4px 4px rgb(153, 104,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4811, 0.3982, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 104, 94) }
```

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

```
.background{ background-color: rgb(153,  
104, 94) }
```

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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