

Converting Colors

$Yxy(18.0108, 0.3871, 0.3539)$

Have a look what the booklet for
Yxy(18.0108, 0.3871, 0.3539)
contains.

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Color

Yxy(18.0594, 0.3866, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	946D5F
RGB	148, 109, 95
RGB Percent	58%, 43%, 37%
CMY	0.4197, 0.5725, 0.6275
CMYK	0.00, 0.26, 0.36, 0.42
HSL	16°, 22%, 48%
HSV	16°, 36%, 58%
XYZ	19.7448, 18.0594, 13.2688
YIQ	119.0650, 27.7380, 3.9140

Conversions

Conversions Part 2

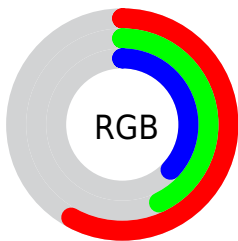
Format	Color
R_{YB}	148, 114, 95
Decimal	9727327
CIE _{Lab}	49.57, 13.50, 13.89
CIE _{LCh}	50, 19.374, 45.812
Yxy	18.0594, 0.3866, 0.3536
Android (android.graphics.Color)	4287917407 (0xFF946D5F)
YUV	119.0650, -11.8640, 25.3760
Hunter-Lab	42.4964, 8.5667, 11.2352

Details

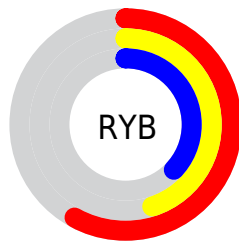
The Yxy color **18.0594, 0.3866, 0.3536** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6108, 0.2603, 0.3027**, and the grayscale version is **18.5012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2306, 0.3693, 0.3497**, and **6.0460, 0.4196, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **15.6359, 0.4160, 0.3605**, and if you desaturate by 10%, it is **20.8233, 0.3613, 0.3464**.

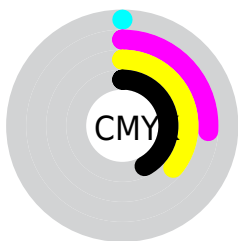
Distribution



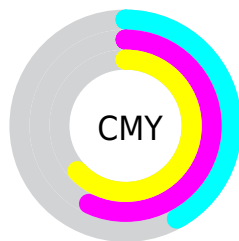
- Red (58%)
- Green (43%)
- Blue (37%)



- Red (58%)
- Yellow (45%)
- Blue (37%)



- Cyan (0%)
- Magenta (26%)
- Yellow (36%)
- Black (42%)




- Cyan (42%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.0594, 0.3866, 0.3536 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 18.0594, 0.3866, 0.3536 by changing the saturation by 10% instead.


 18.0594, 0.3866,
0.3536


 18.0594, 0.3866,
0.3536


241.2056, 0.3435,
0.3404


 10.9926, 0.4000,
0.3570


 40.1385, 0.3692,
0.3487


 6.0619, 0.4192,
0.3613


 55.9197, 0.3632,
0.3469

 2.8828, 0.4488,
0.3665

 75.3744, 0.3583,
0.3453

 1.0708, 0.5347,
0.3977

 98.8871, 0.3543,
0.3441

 0.0000, 1.0000,
0.0000

126.8422, 0.3510,
0.3430

 0.0000, 0.0000,
0.0000

159.6240, 0.3481,

0.3420

197.6171, 0.3457,
0.3412

■ 18.0594, 0.3866,
0.3536

■ 18.0594, 0.3866,
0.3536

■ 15.6359, 0.4160,
0.3605

■ 20.8233, 0.3613,
0.3464

■ 13.5368, 0.4495,
0.3665

■ 23.9377, 0.3399,
0.3394

■ 11.7488, 0.4861,
0.3706

■ 27.4154, 0.3218,
0.3327

■ 10.2564, 0.5239,
0.3720

■ 31.2676, 0.3067,
0.3264

■ 9.0427, 0.5596,
0.3696

■ 35.5053, 0.2939,
0.3207

■ 8.0881, 0.5898,
0.3632

■ 40.1389, 0.2832,
0.3154

■ 7.7558, 0.6016,
0.3605

■ 45.1784, 0.2741,
0.3106

■ 50.6334, 0.2663,
0.3063

■ 56.5133, 0.2597,
0.3023

Harmonies

Analogous

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



18.0594, 0.3720, 0.3232



18.0594, 0.3866, 0.3536



18.0594, 0.3799, 0.3802

Triad

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



18.0594, 0.3866, 0.3536



18.0594, 0.2832, 0.3662



18.0594, 0.2697, 0.2684

Complementary

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



18.0594, 0.3866, 0.3536



21.6108, 0.2603, 0.3027

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.



18.0594, 0.2489, 0.2755



18.0594, 0.3866, 0.3536



18.0594, 0.2562, 0.3308

Square

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



18.0594, 0.3866, 0.3536



18.0594, 0.3191, 0.3906



18.0594, 0.2441, 0.2974



18.0594, 0.3028, 0.2759

Rectangle

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



18.0594, 0.3866, 0.3536



18.0594, 0.3647, 0.3918



18.0594, 0.2441, 0.2974



18.0594, 0.2611, 0.2691

Sweetspot

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



18.0603, 0.3866, 0.3536



44.9829, 0.3312, 0.3363



16.2190, 0.3346, 0.2627



10.1005, 0.3334, 0.3371



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.



18.0603, 0.3866, 0.3536



28.3840, 0.4100, 0.3592



24.3756, 0.3718, 0.3957



6.0502, 0.3276, 0.3349



6.6657, 0.6005, 0.3614



0.1244, 0.5283, 0.4187

Inverse Universe

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



21.6108, 0.2603, 0.3027



35.5843, 0.2495, 0.2957



15.3455, 0.2535, 0.2518



6.3053, 0.2990, 0.3230



11.1861, 0.2008, 0.2430



0.1852, 0.2132, 0.2876

Previews

White Background



This preview shows how the Yxy color 18.0594, 0.3866, 0.3536 looks on a white background.

Color Contrast Check

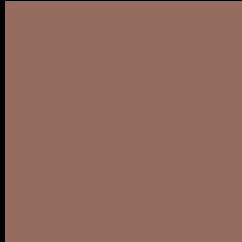
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0594, 0.3866, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

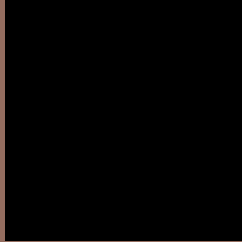
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0594, 0.3866, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 18.0594, 0.3866, 0.3536.



This preview shows how white text looks on a background with the Yxy color 18.0594, 0.3866, 0.3536.

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

18.0594, 0.3866, 0.3536

Protanopia

18.2177, 0.3450, 0.3657

Deuteranopia

18.0217, 0.3717, 0.3639



Tritanopia

18.0070, 0.3639, 0.3155

Trichromacy



Original Color

18.0594, 0.3866, 0.3536

Protanomaly

18.1299, 0.3584, 0.3608

Deuteranomaly

18.1473, 0.3778, 0.3614

Tritanomaly

17.9665, 0.3720, 0.3292

Monochromacy



Original Color

18.0594, 0.3866, 0.3536

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.1331, 0.3388, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0594, 0.3866, 0.3536 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(148, 109, 95)` looks like.

```
.text, #text, p{  
    color:rgb(148, 109, 95)  
}
```

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(148, 109, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 109, 95) }
```

Border

The CSS property to change the border of an element to Yxy 18.0594, 0.3866, 0.3536 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(148, 109, 95) }
```

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

```
.border{ border-color:rgb(148, 109, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 109, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 109, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 109, 95);  
box-shadow:4px 4px 4px 4px rgb(148, 109,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0594, 0.3866, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 109, 95) }
```

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

```
.background{ background-color: rgb(148,  
109, 95) }
```

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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