

Converting Colors

$Y_{xy}(19.1109, 0.3505, 0.3556)$

Have a look what the booklet for
Yxy(19.1109, 0.3505, 0.3556)
contains.

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Color

Yxy(19.0247, 0.3508, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	867668
RGB	134, 118, 104
RGB Percent	53%, 46%, 41%
CMY	0.4746, 0.5372, 0.5922
CMYK	0.00, 0.12, 0.22, 0.47
HSL	28°, 13%, 47%
HSV	28°, 22%, 53%
XYZ	18.8049, 19.0247, 15.7762
YIQ	121.1880, 14.0300, -0.9620

Conversions

Conversions Part 2

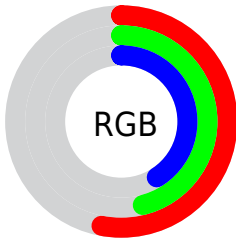
Format	Color
R_{YB}	134, 130, 104
Decimal	8812136
CIE Lab	50.72, 3.78, 9.98
CIE LCh	51, 10.674, 69.259
Yxy	19.0247, 0.3508, 0.3549
Android (android.graphics.Color)	4287002216 (0xFF867668)
YUV	121.1880, -8.4737, 11.2361
Hunter-Lab	43.6173, 0.6272, 9.0872

Details

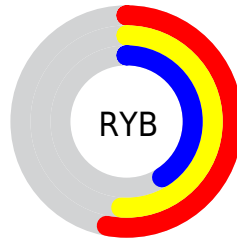
The Yxy color **19.0247, 0.3508, 0.3549** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.0845, 0.2789, 0.3016**, and the grayscale version is **19.2084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6808, 0.3417, 0.3492**, and **6.5605, 0.3671, 0.3658** is the 20% darker color. If you saturate the color by 10%, you get **17.1577, 0.3717, 0.3672**, and if you desaturate by 10%, it is **21.0637, 0.3324, 0.3430**.

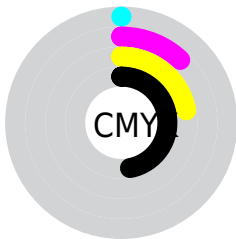
Distribution



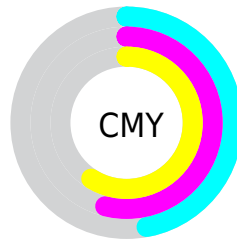
- Red (53%)
- Green (46%)
- Blue (41%)



- Red (53%)
- Yellow (51%)
- Blue (41%)



- Cyan (0%)
- Magenta (12%)
- Yellow (22%)
- Black (47%)




- Cyan (47%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0247, 0.3508, 0.3549 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 19.0247, 0.3508, 0.3549 by changing the saturation by 10% instead.


 19.0247, 0.3508,
0.3549


 19.0247, 0.3508,
0.3549


246.5851, 0.3289,
0.3402


 11.6881, 0.3576,
0.3593


 41.7758, 0.3420,
0.3491

 6.5317, 0.3672,
0.3653


 57.9592, 0.3389,
0.3471

 3.1710, 0.3820,
0.3744

 77.8602, 0.3365,
0.3454

 1.2216, 0.4134,
0.3947

 101.8634, 0.3344,
0.3440

 0.0793, 0.6789,
0.3211

130.3531, 0.3327,
0.3429

 0.0000, 0.0000,
0.0000

163.7137, 0.3312,

0.3419

202.3295, 0.3300,
0.3410

■ 19.0247, 0.3508,
0.3549

■ 19.0247, 0.3508,
0.3549

■ 17.1577, 0.3717,
0.3672

■ 21.0637, 0.3324,
0.3430

■ 15.4553, 0.3951,
0.3793

■ 23.2767, 0.3162,
0.3316

■ 13.9132, 0.4208,
0.3906

■ 25.6691, 0.3022,
0.3210

■ 12.5261, 0.4482,
0.4003

■ 28.2449, 0.2899,
0.3111

■ 11.2882, 0.4763,
0.4071

■ 31.0084, 0.2793,
0.3020

■ 10.1931, 0.5035,
0.4100

■ 33.9634, 0.2700,
0.2937

■ 9.2340, 0.5282,
0.4079

■ 37.1138, 0.2619,
0.2860

■ 8.5830, 0.5461,
0.4046

■ 40.4633, 0.2548,
0.2790

■ 44.0154, 0.2485,
0.2726

Harmonies

Analogous

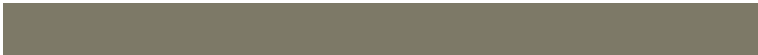
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



19.0247, 0.3516, 0.3398



19.0247, 0.3508, 0.3549



19.0247, 0.3395, 0.3637

Triad

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



19.0247, 0.3508, 0.3549



19.0247, 0.2844, 0.3347



19.0247, 0.3033, 0.2976

Complementary

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



19.0247, 0.3508, 0.3549



18.0845, 0.2789, 0.3016

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.



19.0247, 0.2859, 0.2955



19.0247, 0.3508, 0.3549



19.0247, 0.2753, 0.3162

Square

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



19.0247, 0.3508, 0.3549



19.0247, 0.3010, 0.3521



19.0247, 0.2759, 0.3020



19.0247, 0.3237, 0.3074

Rectangle

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



19.0247, 0.3508, 0.3549



19.0247, 0.3278, 0.3643



19.0247, 0.2759, 0.3020



19.0247, 0.2969, 0.2960

Sweetspot

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



19.0256, 0.3508, 0.3549



39.1274, 0.3237, 0.3369



16.3212, 0.3337, 0.2998



8.7752, 0.3244, 0.3375



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



19.0256, 0.3508, 0.3549



31.7815, 0.3614, 0.3613



22.8326, 0.3454, 0.3808



5.0211, 0.3269, 0.3392



8.0684, 0.5457, 0.4049



0.0423, 0.4823, 0.4552

Inverse Universe

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



18.0845, 0.2789, 0.3016



29.8084, 0.2707, 0.2943



14.7652, 0.2767, 0.2713



4.9244, 0.2992, 0.3186



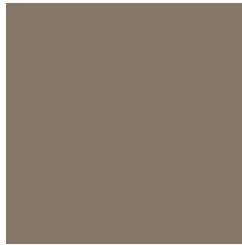
5.8973, 0.1815, 0.1733



0.0351, 0.2018, 0.2465

Previews

White Background



This preview shows how the Yxy color 19.0247, 0.3508, 0.3549 looks on a white 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

Black Background



This preview shows how the Yxy color 19.0247, 0.3508, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

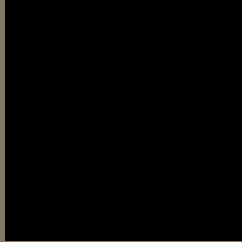
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0247, 0.3508, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 19.0247, 0.3508, 0.3549.

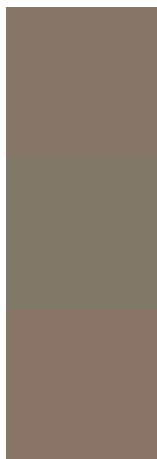


This preview shows how white text looks on a background with the Yxy color 19.0247, 0.3508, 0.3549.

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

19.0247, 0.3508, 0.3549

Protanopia

18.9649, 0.3396, 0.3574

Deuteranopia

18.8935, 0.3570, 0.3509



Tritanopia

18.9509, 0.3290, 0.3130

Trichromacy



Original Color

19.0247, 0.3508, 0.3549

Protanomaly

18.9594, 0.3439, 0.3553

Deuteranomaly

19.0404, 0.3553, 0.3527

Tritanomaly

18.9260, 0.3363, 0.3273

Monochromacy



Original Color

19.0247, 0.3508, 0.3549

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

19.1064, 0.3262, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0247, 0.3508, 0.3549 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(134, 118, 104)` looks like.

```
.text, #text, p{  
    color:rgb(134, 118, 104)  
}
```

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(134, 118, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 118, 104) }
```

Border

The CSS property to change the border of an element to Yxy 19.0247, 0.3508, 0.3549 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(134, 118, 104) }
```

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

```
.border{ border-color:rgb(134, 118, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 118, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 118, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 118, 104);  
box-shadow:4px 4px 4px 4px rgb(134, 118,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0247, 0.3508, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 118, 104) }
```

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

```
.background{ background-color: rgb(134,  
118, 104) }
```

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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