

Converting Colors

$Y_{xy}(19.2902, 0.3667, 0.3500)$

Have a look what the booklet for
Yxy(19.2902, 0.3667, 0.3500)
contains.

| | |
|---|----|
| Yxy(19.1700, 0.3669, 0.3503) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(19.1700, 0.3669, 0.3503)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 907367 |
| RGB | 144, 115, 103 |
| RGB Percent | 56%, 45%, 40% |
| CMY | 0.4354, 0.5490, 0.5960 |
| CMYK | 0.00, 0.20, 0.28, 0.44 |
| HSL | 18°, 17%, 48% |
| HSV | 18°, 28%, 56% |
| XYZ | 20.0784, 19.1700, 15.4761 |
| YIQ | 122.3030, 21.1360, 2.4160 |

Conversions

Conversions Part 2

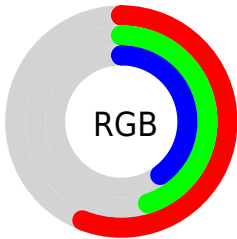
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 144, 120, 103 |
| Decimal | 9466727 |
| CIE _{Lab} | 50.89, 9.48, 10.94 |
| CIE _{LCh} | 51, 14.482, 49.091 |
| Yxy | 19.1700, 0.3669, 0.3503 |
| Android (android.graphics.Color) | 4287656807 (0xFF907367) |
| YUV | 122.3030, -9.5164, 19.0283 |
| Hunter-Lab | 43.7836, 5.2360, 9.6914 |

Details

The Yxy color **19.1700, 0.3669, 0.3503** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.3945, 0.2705, 0.3066**, and the grayscale version is **19.5930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9763, 0.3539, 0.3460**, and **6.6270, 0.3911, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **16.7108, 0.3926, 0.3582**, and if you desaturate by 10%, it is **21.9373, 0.3449, 0.3425**.

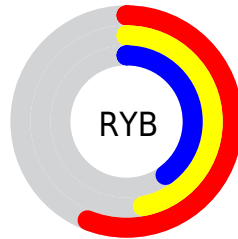
Distribution



Red (56%)

Green (45%)

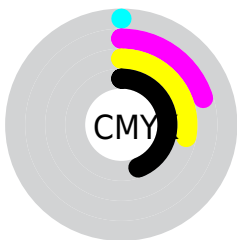
Blue (40%)



Red (56%)

Yellow (47%)

Blue (40%)

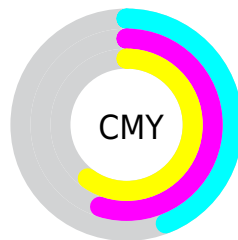


Cyan (0%)

Magenta (20%)

Yellow (28%)

Black (44%)



Cyan (44%)


Magenta (55%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1700, 0.3669, 0.3503 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 19.1700, 0.3669, 0.3503 by changing the saturation by 10% instead.


 19.1700, 0.3669,
0.3503


 19.1700, 0.3669,
0.3503


247.3857, 0.3356,
0.3386


 11.7932, 0.3765,
0.3535


 42.0212, 0.3543,
0.3458


 6.6030, 0.3903,
0.3579


 58.2643, 0.3500,
0.3442

 3.2151, 0.4114,
0.3638

 78.2317, 0.3464,
0.3429

 1.2450, 0.4554,
0.3784

 102.3076, 0.3435,
0.3418

 0.0980, 0.7681,
0.2319

130.8766, 0.3411,
0.3408

 0.0000, 0.0000,
0.0000

164.3230, 0.3390,

0.3400

203.0312, 0.3372,
0.3393

■ 19.1700, 0.3669,
0.3503

■ 19.1700, 0.3669,
0.3503

■ 16.7108, 0.3926,
0.3582

■ 21.9373, 0.3449,
0.3425

■ 14.5461, 0.4223,
0.3656

■ 25.0202, 0.3262,
0.3350

■ 12.6654, 0.4556,
0.3719

■ 28.4295, 0.3105,
0.3280

■ 11.0562, 0.4914,
0.3760

■ 32.1745, 0.2971,
0.3214

■ 9.7054, 0.5277,
0.3770

■ 36.2642, 0.2858,
0.3155

■ 8.5983, 0.5613,
0.3738

■ 40.7073, 0.2763,
0.3100

■ 7.7148, 0.5901,
0.3671

■ 45.5120, 0.2681,
0.3051

■ 7.5958, 0.5945,
0.3662

■ 50.6863, 0.2610,
0.3006

■ 56.2382, 0.2550,
0.2965

Harmonies

Analogous

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



19.1700, 0.3579, 0.3276



19.1700, 0.3669, 0.3503



19.1700, 0.3606, 0.3688

Triad

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



19.1700, 0.3669, 0.3503



19.1700, 0.2886, 0.3534



19.1700, 0.2834, 0.2839

Complementary

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



19.1700, 0.3669, 0.3503



21.3945, 0.2705, 0.3066

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.



19.1700, 0.2664, 0.2884



19.1700, 0.3669, 0.3503



19.1700, 0.2693, 0.3279

Square

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



19.1700, 0.3669, 0.3503



19.1700, 0.3148, 0.3720



19.1700, 0.2614, 0.3041



19.1700, 0.3087, 0.2904

Rectangle

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



19.1700, 0.3669, 0.3503



19.1700, 0.3489, 0.3759



19.1700, 0.2614, 0.3041



19.1700, 0.2765, 0.2841

Sweetspot

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



19.1709, 0.3669, 0.3503



43.7270, 0.3275, 0.3355



17.3062, 0.3309, 0.2788



9.8561, 0.3298, 0.3365



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



19.1709, 0.3669, 0.3503



31.0515, 0.3825, 0.3552



24.2642, 0.3579, 0.3838



5.6655, 0.3275, 0.3355



6.6532, 0.5935, 0.3670



0.0980, 0.5206, 0.4249

Inverse Universe

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



21.3945, 0.2705, 0.3066



35.6143, 0.2616, 0.3009



16.4605, 0.2666, 0.2674



5.8531, 0.2990, 0.3224



10.0400, 0.1982, 0.2333



0.1342, 0.2118, 0.2825

Previews

White Background



This preview shows how the Yxy color 19.1700, 0.3669, 0.3503 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 19.1700, 0.3669, 0.3503 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 19.1700, 0.3669, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 19.1700, 0.3669, 0.3503.

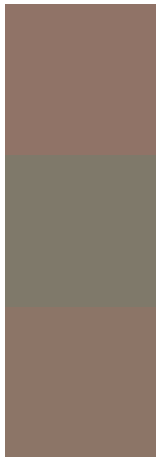


This preview shows how white text looks on a background with the Yxy color 19.1700, 0.3669, 0.3503.

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

19.1700, 0.3669, 0.3503

Protanopia

19.2274, 0.3381, 0.3573

Deuteranopia

19.2773, 0.3606, 0.3542



Tritanopia

19.0798, 0.3468, 0.3136

Trichromacy



Original Color

19.1700, 0.3669, 0.3503

Protanomaly

19.2001, 0.3479, 0.3549

Deuteranomaly

19.1328, 0.3624, 0.3524

Tritanomaly

19.0449, 0.3544, 0.3274

Monochromacy



Original Color

19.1700, 0.3669, 0.3503

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.1773, 0.3315, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1700, 0.3669, 0.3503 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(144, 115, 103)` looks like.

```
.text, #text, p{  
    color:rgb(144, 115, 103)  
}
```

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(144, 115, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 115, 103) }
```

Border

The CSS property to change the border of an element to Yxy 19.1700, 0.3669, 0.3503 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(144, 115, 103) }
```

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

```
.border{ border-color:rgb(144, 115, 103) }
```

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

Here you see how a box with a 4 pixel rgb(144, 115, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 115, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 115, 103);  
box-shadow:4px 4px 4px 4px rgb(144, 115,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1700, 0.3669, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 115, 103) }
```

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

```
.background{ background-color: rgb(144,  
115, 103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor