

Converting Colors

$Y_{xy}(18.5485, 0.3502, 0.3050)$

Have a look what the booklet for
Yxy(18.5485, 0.3502, 0.3050)
contains.

Yxy(18.5198, 0.3507, 0.3053)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(18.5198, 0.3507, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	956C7A
RGB	149, 108, 122
RGB Percent	58%, 42%, 48%
CMY	0.4156, 0.5765, 0.5215
CMYK	0.00, 0.28, 0.18, 0.42
HSL	340°, 16%, 50%
HSV	340°, 28%, 58%
XYZ	21.2738, 18.5198, 20.8674
YIQ	121.8550, 19.9420, 13.0460

Conversions

Conversions Part 2

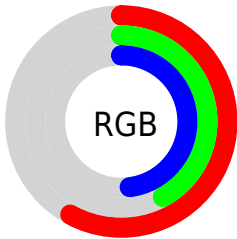
Format	Color
R _{YB}	149, 108, 122
Decimal	9792634
CIE Lab	50.12, 18.58, -1.31
CIE LCh	50, 18.623, 355.970
Yxy	18.5198, 0.3507, 0.3053
Android (android.graphics.Color)	4287982714 (0xFF956C7A)
YUV	121.8550, 0.0715, 23.8062
Hunter-Lab	43.0346, 12.9294, 1.3747

Details

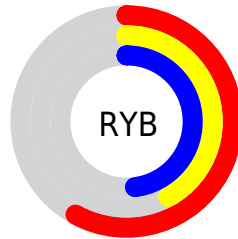
The Yxy color **18.5198, 0.3507, 0.3053** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.4410, 0.2854, 0.3542**, and the grayscale version is **19.4081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.0350, 0.3425, 0.3115**, and **6.2541, 0.3671, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **15.4105, 0.3702, 0.2963**, and if you desaturate by 10%, it is **22.1927, 0.3345, 0.3143**.

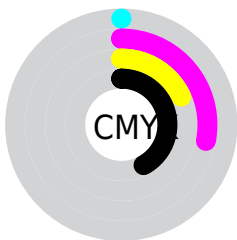
Distribution



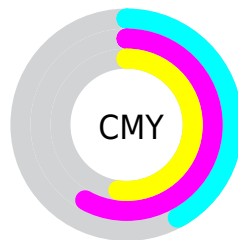
- Red (58%)
- Green (42%)
- Blue (48%)



- Red (58%)
- Yellow (42%)
- Blue (48%)



- Cyan (0%)
- Magenta (28%)
- Yellow (18%)
- Black (42%)





- Cyan (42%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.5198, 0.3507, 0.3053 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 18.5198, 0.3507, 0.3053 by changing the saturation by 10% instead.


 18.5198, 0.3507,
0.3053


 18.5198, 0.3507,
0.3053


243.7848, 0.3289,
0.3189


 11.3238, 0.3574,
0.3012


 40.9211, 0.3419,
0.3107

 6.2851, 0.3670,
0.2953


 56.8952, 0.3389,
0.3126

 3.0192, 0.3817,
0.2864

 76.5641, 0.3364,
0.3141

 1.1418, 0.4073,
0.2710

 100.3122, 0.3344,
0.3154

 0.0134, 0.7961,
0.0228

128.5240, 0.3327,
0.3165

 0.0000, 0.0000,
0.0000

161.5837, 0.3312,

0.3174

199.8759, 0.3300,
0.3182

■ 18.5198, 0.3507,
0.3053

■ 18.5198, 0.3507,
0.3053

■ 15.4105, 0.3702,
0.2963

■ 22.1927, 0.3345,
0.3143

■ 12.8342, 0.3935,
0.2877

■ 26.4527, 0.3212,
0.3229

■ 10.7612, 0.4206,
0.2803


■ 31.3252, 0.3102,
0.3309


■ 9.1580, 0.4513,
0.2751


■ 36.8331, 0.3012,
0.3384


■ 7.9868, 0.4843,
0.2732


■ 42.9982, 0.2938,
0.3453


 7.2039, 0.5177,
0.2757


 49.8415, 0.2877,
0.3516

 6.7318, 0.5491,
0.2824

 57.3828, 0.2827,
0.3574

 6.6303, 0.5568,
0.2841

 65.6411, 0.2785,
0.3626

 74.6349, 0.2750,
0.3674

Harmonies

Analogous

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



18.5198, 0.3155, 0.2834



18.5198, 0.3507, 0.3053



18.5198, 0.3761, 0.3334

Triad

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



18.5198, 0.3507, 0.3053



18.5198, 0.3420, 0.3926



18.5198, 0.2468, 0.2904

Complementary

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



18.5198, 0.3507, 0.3053



26.4410, 0.2854, 0.3542

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.



18.5198, 0.2531, 0.3193



18.5198, 0.3507, 0.3053



18.5198, 0.3069, 0.3815

Square

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



18.5198, 0.3507, 0.3053



18.5198, 0.3703, 0.3843



18.5198, 0.2745, 0.3536



18.5198, 0.2568, 0.2740

Rectangle

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



18.5198, 0.3507, 0.3053



18.5198, 0.3831, 0.3528



18.5198, 0.2745, 0.3536



18.5198, 0.2471, 0.2989

Sweetspot

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



18.5206, 0.3507, 0.3053



46.8452, 0.3219, 0.3223



18.0171, 0.2979, 0.2590



10.1334, 0.3237, 0.3212



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.



18.5206, 0.3507, 0.3053



29.6240, 0.3623, 0.2998



19.5424, 0.3675, 0.3397



5.8461, 0.3232, 0.3215



5.5832, 0.5550, 0.2831



0.0735, 0.4492, 0.2248

Inverse Universe

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



18.5206, 0.3507, 0.3053



29.6240, 0.3623, 0.2998



24.9650, 0.2727, 0.3180



5.8461, 0.3232, 0.3215



5.5832, 0.5550, 0.2831



0.0735, 0.4492, 0.2248

Previews

White Background



This preview shows how the Yxy color 18.5198, 0.3507, 0.3053 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 18.5198, 0.3507, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

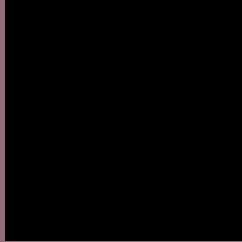
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.5198, 0.3507, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 18.5198, 0.3507, 0.3053.



This preview shows how white text looks on a background with the Yxy color 18.5198, 0.3507, 0.3053.

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

18.5198, 0.3507, 0.3053

Protanopia

18.6741, 0.3024, 0.3120

Deuteranopia

18.6966, 0.3261, 0.3199



Tritanopia

18.5175, 0.3558, 0.3154

Trichromacy



Original Color

18.5198, 0.3507, 0.3053

Protanomaly

18.5137, 0.3188, 0.3090

Deuteranomaly

18.5940, 0.3359, 0.3148

Tritanomaly

18.5651, 0.3531, 0.3120

Monochromacy



Original Color

18.5198, 0.3507, 0.3053

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.0333, 0.3259, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.5198, 0.3507, 0.3053 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(149, 108, 122)` looks like.

```
.text, #text, p{  
    color:rgb(149, 108, 122)  
}
```

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(149, 108, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 108, 122) }
```

Border

The CSS property to change the border of an element to Yxy 18.5198, 0.3507, 0.3053 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(149, 108, 122) }
```

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

```
.border{ border-color:rgb(149, 108, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 108, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 108, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 108, 122);  
box-shadow:4px 4px 4px 4px rgb(149, 108,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 18.5198, 0.3507, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 108, 122) }
```

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

```
.background{ background-color: rgb(149,  
108, 122) }
```

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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