

Converting Colors

$Y_{xy}(19.6312, 0.3580, 0.3048)$

Have a look what the booklet for
Yxy(19.6312, 0.3580, 0.3048)
contains.

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Color

Yxy(19.5606, 0.3584, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	9D6D7C
RGB	157, 109, 124
RGB Percent	62%, 43%, 49%
CMY	0.3844, 0.5725, 0.5138
CMYK	0.00, 0.31, 0.21, 0.38
HSL	341°, 20%, 52%
HSV	341°, 31%, 62%
XYZ	23.0079, 19.5606, 21.6277
YIQ	125.0620, 23.7930, 14.8410

Conversions

Conversions Part 2

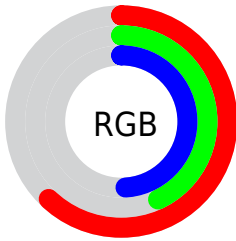
Format	Color
R_{YB}	157, 109, 124
Decimal	10317180
CIE Lab	51.34, 21.37, -0.60
CIE LCh	51, 21.377, 358.403
Yxy	19.5606, 0.3584, 0.3047
Android (android.graphics.Color)	4288507260 (0xFF9D6D7C)
YUV	125.0620, -0.5236, 28.0096
Hunter-Lab	44.2274, 15.4613, 1.9656

Details

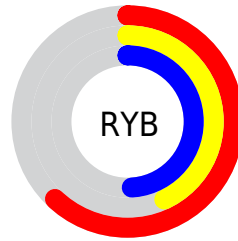
The Yxy color **19.5606, 0.3584, 0.3047** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.3129, 0.2815, 0.3549**, and the grayscale version is **20.5261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.6214, 0.3481, 0.3108**, and **6.8487, 0.3789, 0.2961** is the 20% darker color. If you saturate the color by 10%, you get **16.2471, 0.3802, 0.2965**, and if you desaturate by 10%, it is **23.5040, 0.3403, 0.3130**.

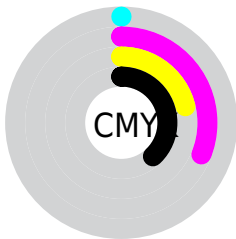
Distribution



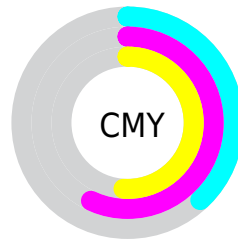
- Red (62%)
- Green (43%)
- Blue (49%)



- Red (62%)
- Yellow (43%)
- Blue (49%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (38%)





- Cyan (38%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5606, 0.3584, 0.3047 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 19.5606, 0.3584, 0.3047 by changing the saturation by 10% instead.


 19.5606, 0.3584,
0.3047


 19.5606, 0.3584,
0.3047


249.5264, 0.3323,
0.3186


 12.0760, 0.3663,
0.3005


 42.6793, 0.3480,
0.3102

 6.7955, 0.3775,
0.2946


 59.0822, 0.3444,
0.3121

 3.3345, 0.3946,
0.2856

 79.2266, 0.3414,
0.3137

 1.3088, 0.4238,
0.2704

 103.4971, 0.3390,
0.3150

 0.1480, 0.6538,
0.1461

132.2779, 0.3369,
0.3161

 0.0000, 0.0000,
0.0000

165.9534, 0.3352,

0.3170

204.9081, 0.3336,
0.3178

■ 19.5606, 0.3584,
0.3047

■ 19.5606, 0.3584,
0.3047

■ 16.2471, 0.3802,
0.2965

■ 23.5040, 0.3403,
0.3130

■ 13.5280, 0.4061,
0.2889

■ 28.1050, 0.3255,
0.3210

■ 11.3684, 0.4361,
0.2828


■ 33.3929, 0.3133,
0.3286

■ 9.7286, 0.4695,
0.2791


■ 39.3944, 0.3034,
0.3356

■ 8.5637, 0.5047,
0.2791


■ 46.1349, 0.2952,
0.3421


 7.8208, 0.5390,
0.2836

 53.6383, 0.2885,
0.3480

 7.3880, 0.5688,
0.2907

 61.9278, 0.2830,
0.3534

 71.0252, 0.2784,
0.3583

 80.9517, 0.2745,
0.3628

Harmonies

Analogous

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



19.5606, 0.3190, 0.2796



19.5606, 0.3584, 0.3047



19.5606, 0.3858, 0.3362

Triad

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



19.5606, 0.3584, 0.3047



19.5606, 0.3423, 0.4008



19.5606, 0.2393, 0.2833

Complementary

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



19.5606, 0.3584, 0.3047



29.3129, 0.2815, 0.3549

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.



19.5606, 0.2446, 0.3146



19.5606, 0.3584, 0.3047



19.5606, 0.3027, 0.3867

Square

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



19.5606, 0.3584, 0.3047



19.5606, 0.3754, 0.3925



19.5606, 0.2672, 0.3536



19.5606, 0.2518, 0.2665

Rectangle

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



19.5606, 0.3584, 0.3047



19.5606, 0.3924, 0.3578



19.5606, 0.2672, 0.3536



19.5606, 0.2390, 0.2923

Sweetspot

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



19.5615, 0.3584, 0.3047



51.5817, 0.3237, 0.3221



19.1064, 0.2977, 0.2509



11.0826, 0.3255, 0.3210



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



19.5615, 0.3584, 0.3047



30.6815, 0.3736, 0.2988



21.1824, 0.3750, 0.3436



6.6786, 0.3238, 0.3220



6.0080, 0.5668, 0.2896



0.1146, 0.4656, 0.2338

Inverse Universe

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



19.5615, 0.3584, 0.3047



30.6815, 0.3736, 0.2988



26.9244, 0.2682, 0.3138



6.6786, 0.3238, 0.3220



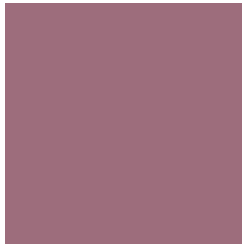
6.0080, 0.5668, 0.2896



0.1146, 0.4656, 0.2338

Previews

White Background



This preview shows how the Yxy color 19.5606, 0.3584, 0.3047 looks on a white background.

Color Contrast Check

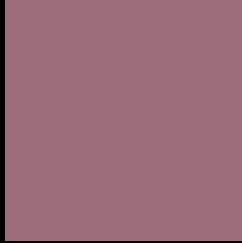
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5606, 0.3584, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

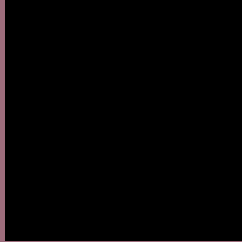
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5606, 0.3584, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 19.5606, 0.3584, 0.3047.



This preview shows how white text looks on a background with the Yxy color 19.5606, 0.3584, 0.3047.

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

19.5606, 0.3584, 0.3047

Protanopia

19.7226, 0.3016, 0.3106

Deuteranopia

19.7497, 0.3294, 0.3237



Tritanopia

19.5278, 0.3650, 0.3160

Trichromacy



Original Color

19.5606, 0.3584, 0.3047

Protanomaly

19.4585, 0.3213, 0.3078

Deuteranomaly

19.5312, 0.3394, 0.3152

Tritanomaly

19.5758, 0.3622, 0.3127

Monochromacy



Original Color

19.5606, 0.3584, 0.3047

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.9927, 0.3284, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5606, 0.3584, 0.3047 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(157, 109, 124)` looks like.

```
.text, #text, p{  
    color:rgb(157, 109, 124)  
}
```

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(157, 109, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 109, 124) }
```

Border

The CSS property to change the border of an element to Yxy 19.5606, 0.3584, 0.3047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

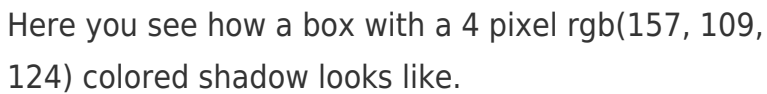
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 109, 124) }
```

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

```
.border{ border-color:rgb(157, 109, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 109, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 109, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 109, 124); box-shadow:4px 4px 4px 4px rgb(157, 109, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5606, 0.3584, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 109, 124) }
```

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

```
.background{ background-color: rgb(157,  
109, 124) }
```

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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