

Converting Colors

$Y_{xy}(19.5145, 0.3582, 0.4159)$

Have a look what the booklet for
Yxy(19.5145, 0.3582, 0.4159)
contains.

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Color

Yxy(19.5807, 0.3574, 0.4158)

Conversions

Conversions Part 1

Format	Color
Hex	797E51
RGB	121, 126, 81
RGB Percent	47%, 49%, 32%
CMY	0.5255, 0.5059, 0.6823
CMYK	0.04, 0.00, 0.36, 0.51
HSL	67°, 22%, 41%
HSV	67°, 36%, 49%
XYZ	16.8305, 19.5807, 10.6804
YIQ	119.3750, 11.4650, -15.0550

Conversions

Conversions Part 2

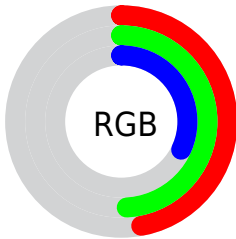
Format	Color
R_{YB}	81, 126, 86
Decimal	7962193
CIE _{Lab}	51.36, -9.57, 23.90
CIE _{LCh}	51, 25.745, 111.822
Yxy	19.5807, 0.3574, 0.4158
Android (android.graphics.Color)	4286152273 (0xFF797E51)
YUV	119.3750, -18.9189, 1.4251
Hunter-Lab	44.2501, -9.5451, 16.6646

Details

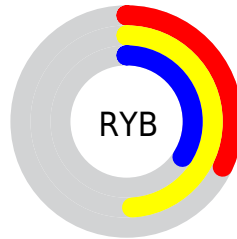
The Yxy color **19.5807, 0.3574, 0.4158** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.3742, 0.2579, 0.2291**, and the grayscale version is **18.6317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8776, 0.3478, 0.3959**, and **6.7687, 0.3722, 0.4534** is the 20% darker color. If you saturate the color by 10%, you get **19.3089, 0.3690, 0.4396**, and if you desaturate by 10%, it is **19.8908, 0.3451, 0.3911**.

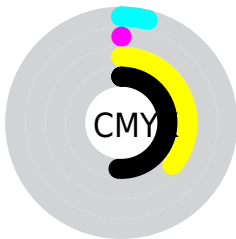
Distribution



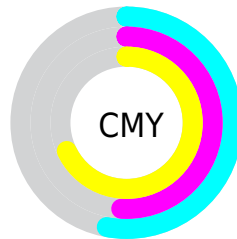
- Red (47%)
- Green (49%)
- Blue (32%)



- Red (32%)
- Yellow (49%)
- Blue (34%)



- Cyan (4%)
- Magenta (0%)
- Yellow (36%)
- Black (51%)





- Cyan (53%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5807, 0.3574, 0.4158 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 19.5807, 0.3574, 0.4158 by changing the saturation by 10% instead.


 19.5807, 0.3574,
0.4158


 19.5807, 0.3574,
0.4158


249.6361, 0.3328,
0.3654


 12.0906, 0.3641,
0.4312


 42.7131, 0.3480,
0.3955


 6.8054, 0.3727,
0.4529


 59.1242, 0.3446,
0.3885


 3.3407, 0.3837,
0.4851

 79.2777, 0.3418,
0.3829

 1.3121, 0.4244,
0.5756

 103.5581, 0.3394,
0.3782

 0.1505, 0.0000,
1.0000

 132.3497, 0.3374,
0.3742

 0.0000, 0.0000,
0.0000

166.0370, 0.3357,

0.3709

205.0043, 0.3342,
0.3680

■ 19.5807, 0.3574,
0.4158

■ 19.5807, 0.3574,
0.4158

■ 19.3089, 0.3690,
0.4396

■ 19.8908, 0.3451,
0.3911

■ 19.0709, 0.3792,
0.4616

■ 20.2384, 0.3324,
0.3664

■ 18.8653, 0.3878,
0.4810


■ 20.6260, 0.3198,
0.3423

■ 18.6899, 0.3941,
0.4970


■ 21.0553, 0.3075,
0.3192

■ 18.5418, 0.3981,
0.5089

■ 21.5276, 0.2958,
0.2975

 18.4164, 0.3999,
0.5170

 22.0445, 0.2848,
0.2774

 18.3648, 0.4005,
0.5202

 22.6073, 0.2746,
0.2589

 23.2172, 0.2651,
0.2420

 23.8755, 0.2564,
0.2266

Harmonies

Analogous

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



19.5807, 0.3940, 0.3992



19.5807, 0.3574, 0.4158



19.5807, 0.3104, 0.4057

Triad

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



19.5807, 0.3574, 0.4158



19.5807, 0.2251, 0.2805



19.5807, 0.3579, 0.2925

Complementary

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



19.5807, 0.3574, 0.4158



9.3742, 0.2579, 0.2291

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.



19.5807, 0.3091, 0.2657



19.5807, 0.3574, 0.4158



19.5807, 0.2352, 0.2571

Square

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



19.5807, 0.3574, 0.4158



19.5807, 0.2358, 0.3210



19.5807, 0.2648, 0.2528



19.5807, 0.3956, 0.3283

Rectangle

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



19.5807, 0.3574, 0.4158



19.5807, 0.2799, 0.3834



19.5807, 0.2648, 0.2528



19.5807, 0.3420, 0.2823

Sweetspot

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



19.5816, 0.3574, 0.4158



35.9151, 0.3267, 0.3556



11.6092, 0.3899, 0.3383



8.1529, 0.3281, 0.3582



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



19.5816, 0.3574, 0.4158



34.0619, 0.3671, 0.4357



18.1708, 0.3292, 0.4244



4.9959, 0.3240, 0.3504



18.8377, 0.4005, 0.5202



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.3742, 0.2579, 0.2291



13.2424, 0.2423, 0.2019



10.5830, 0.2893, 0.2374



4.2329, 0.3008, 0.3069



1.6405, 0.1554, 0.0630



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.5807, 0.3574, 0.4158 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 19.5807, 0.3574, 0.4158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

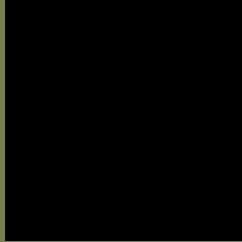
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5807, 0.3574, 0.4158

Background



This preview shows how black text looks on a background with the Yxy color 19.5807, 0.3574, 0.4158.



This preview shows how white text looks on a background with the Yxy color 19.5807, 0.3574, 0.4158.

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

19.5807, 0.3574, 0.4158

Protanopia

19.4848, 0.3770, 0.4062

Deuteranopia

19.4581, 0.3945, 0.3881



Tritanopia

19.5567, 0.3099, 0.3108

Trichromacy



Original Color

19.5807, 0.3574, 0.4158

Protanomaly

19.4122, 0.3709, 0.4095

Deuteranomaly

19.3605, 0.3814, 0.3979

Tritanomaly

19.4489, 0.3281, 0.3479

Monochromacy



Original Color

19.5807, 0.3574, 0.4158

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.9321, 0.3299, 0.3620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5807, 0.3574, 0.4158 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(121, 126, 81)` looks like.

```
.text, #text, p{  
    color:rgb(121, 126, 81)  
}
```

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(121, 126, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 126, 81) }
```

Border

The CSS property to change the border of an element to Yxy 19.5807, 0.3574, 0.4158 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(121, 126, 81) }
```

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

```
.border{ border-color:rgb(121, 126, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 126, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 126, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 126, 81);  
box-shadow:4px 4px 4px 4px rgb(121, 126,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5807, 0.3574, 0.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 126, 81) }
```

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

```
.background{ background-color: rgb(121,  
126, 81) }
```

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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