

Converting Colors

$Y_{xy}(19.7857, 0.4033, 0.3566)$

Have a look what the booklet for
Yxy(19.7857, 0.4033, 0.3566)
contains.

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Color

Yxy(19.7541, 0.4045, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	A16F5E
RGB	161, 111, 94
RGB Percent	63%, 44%, 37%
CMY	0.3687, 0.5647, 0.6313
CMYK	0.00, 0.31, 0.42, 0.37
HSL	15°, 26%, 50%
HSV	15°, 42%, 63%
XYZ	22.4013, 19.7541, 13.2248
YIQ	124.0120, 35.2570, 5.3130

Conversions

Conversions Part 2

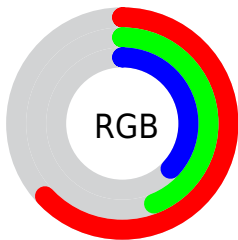
Format	Color
R_{YB}	161, 117, 94
Decimal	10579806
CIE _{Lab}	51.56, 17.65, 17.43
CIE _{LCh}	52, 24.809, 44.642
Yxy	19.7541, 0.4045, 0.3567
Android (android.graphics.Color)	4288769886 (0xFFA16F5E)
YUV	124.0120, -14.7959, 32.4385
Hunter-Lab	44.4456, 12.1870, 13.4702

Details

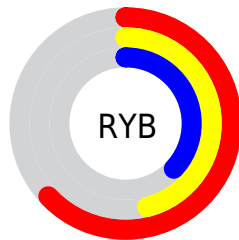
The Yxy color **19.7541, 0.4045, 0.3567** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.8968, 0.2523, 0.2988**, and the grayscale version is **20.2023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.9597, 0.3834, 0.3524**, and **6.8942, 0.4418, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **17.0475, 0.4370, 0.3629**, and if you desaturate by 10%, it is **22.8755, 0.3763, 0.3499**.

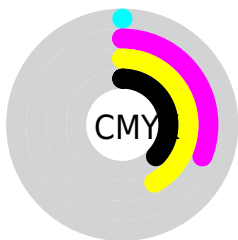
Distribution



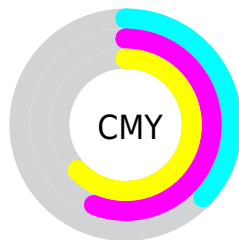
- Red (63%)
- Green (44%)
- Blue (37%)



- Red (63%)
- Yellow (46%)
- Blue (37%)



- Cyan (0%)
- Magenta (31%)
- Yellow (42%)
- Black (37%)





- Cyan (37%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.7541, 0.4045, 0.3567 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 19.7541, 0.4045, 0.3567 by changing the saturation by 10% instead.


 19.7541, 0.4045,
0.3567


 19.7541, 0.4045,
0.3567


250.5808, 0.3517,
0.3426


 12.2164, 0.4205,
0.3600


 43.0045, 0.3834,
0.3517


 6.8913, 0.4429,
0.3637

 59.4861, 0.3760,
0.3497

 3.3942, 0.4764,
0.3674

 79.7177, 0.3701,
0.3481

 1.3408, 0.5603,
0.3890

 104.0838, 0.3651,
0.3467

 0.1725, 0.7752,
0.2248

132.9688, 0.3610,
0.3454

 0.0000, 0.0000,
0.0000

166.7570, 0.3574,

0.3444

205.8329, 0.3544,
0.3434

■ 19.7541, 0.4045,
0.3567

■ 19.7541, 0.4045,
0.3567

■ 17.0475, 0.4370,
0.3629

■ 22.8755, 0.3763,
0.3499

■ 14.7351, 0.4733,
0.3677

■ 26.4255, 0.3523,
0.3430

■ 12.7988, 0.5116,
0.3700

■ 30.4208, 0.3321,
0.3363

■ 11.2177, 0.5492,
0.3689

■ 34.8762, 0.3152,
0.3300

■ 9.9688, 0.5821,
0.3638

■ 39.8059, 0.3010,
0.3241

■ 9.1516, 0.6052,
0.3577

■ 45.2236, 0.2891,
0.3188

■ 51.1423, 0.2790,
0.3139

■ 57.5744, 0.2705,
0.3095

■ 64.5321, 0.2633,
0.3055

Harmonies

Analogous

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



19.7541, 0.3854, 0.3197



19.7541, 0.4045, 0.3567



19.7541, 0.3966, 0.3902

Triad

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



19.7541, 0.4045, 0.3567



19.7541, 0.2774, 0.3774



19.7541, 0.2582, 0.2549

Complementary

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



19.7541, 0.4045, 0.3567



24.8968, 0.2523, 0.2988

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.



19.7541, 0.2339, 0.2635



19.7541, 0.4045, 0.3567



19.7541, 0.2441, 0.3324

Square

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



19.7541, 0.4045, 0.3567



19.7541, 0.3217, 0.4074



19.7541, 0.2289, 0.2905



19.7541, 0.2982, 0.2636

Rectangle

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



19.7541, 0.4045, 0.3567



19.7541, 0.3780, 0.4060



19.7541, 0.2289, 0.2905



19.7541, 0.2481, 0.2557

Sweetspot

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



19.7551, 0.4045, 0.3567



54.0208, 0.3332, 0.3367



17.6045, 0.3394, 0.2515



11.6521, 0.3355, 0.3375



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



19.7551, 0.4045, 0.3567



30.8353, 0.4347, 0.3625



28.4045, 0.3829, 0.4070



7.3646, 0.3279, 0.3348



7.3677, 0.6037, 0.3588



0.2255, 0.5386, 0.4105

Inverse Universe

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



24.8968, 0.2523, 0.2988



41.2734, 0.2405, 0.2907



16.2690, 0.2423, 0.2360



7.7055, 0.2987, 0.3232



12.8783, 0.2018, 0.2463



0.3393, 0.2110, 0.2797

Previews

White Background



This preview shows how the Yxy color 19.7541, 0.4045, 0.3567 looks on a white background.

Color Contrast Check

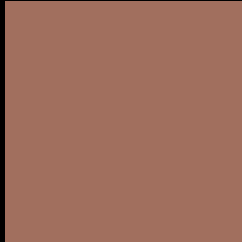
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7541, 0.4045, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

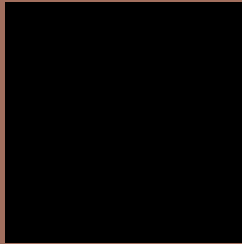
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.7541, 0.4045, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 19.7541, 0.4045, 0.3567.



This preview shows how white text looks on a background with the Yxy color 19.7541, 0.4045, 0.3567.

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

19.7541, 0.4045, 0.3567

Protanopia

19.9113, 0.3499, 0.3717

Deuteranopia

19.7669, 0.3798, 0.3729



Tritanopia

19.7726, 0.3780, 0.3164

Trichromacy



Original Color

19.7541, 0.4045, 0.3567

Protanomaly

19.8263, 0.3688, 0.3664

Deuteranomaly

19.6311, 0.3897, 0.3666

Tritanomaly

19.7014, 0.3875, 0.3308

Monochromacy



Original Color

19.7541, 0.4045, 0.3567

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.7043, 0.3431, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7541, 0.4045, 0.3567 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(161, 111, 94)` looks like.

```
.text, #text, p{  
    color:rgb(161, 111, 94)  
}
```

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(161, 111, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 111, 94) }
```

Border

The CSS property to change the border of an element to Yxy 19.7541, 0.4045, 0.3567 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(161, 111, 94) }
```

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

```
.border{ border-color:rgb(161, 111, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 111, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 111, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 111, 94);  
box-shadow:4px 4px 4px 4px rgb(161, 111,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 19.7541, 0.4045, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 111, 94) }
```

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

```
.background{ background-color: rgb(161,  
111, 94) }
```

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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