

Converting Colors

$Y_{xy}(19.5877, 0.4034, 0.3535)$

Have a look what the booklet for
Yxy(19.5877, 0.4034, 0.3535)
contains.

Yxy(19.5552, 0.4038, 0.3535)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.5552, 0.4038, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	A16E5F
RGB	161, 110, 95
RGB Percent	63%, 43%, 37%
CMY	0.3687, 0.5686, 0.6274
CMYK	0.00, 0.32, 0.41, 0.37
HSL	14°, 26%, 50%
HSV	14°, 41%, 63%
XYZ	22.3377, 19.5552, 13.4259
YIQ	123.5390, 35.2110, 6.1470

Conversions

Conversions Part 2

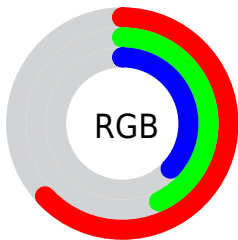
Format	Color
R_{YB}	161, 114, 95
Decimal	10579551
CIE _{Lab}	51.33, 18.34, 16.54
CIE _{LCh}	51, 24.698, 42.047
Yxy	19.5552, 0.4038, 0.3535
Android (android.graphics.Color)	4288769631 (0xFFA16E5F)
YUV	123.5390, -14.0697, 32.8533
Hunter-Lab	44.2213, 12.7795, 12.9540

Details

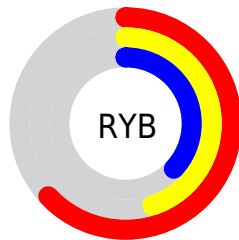
The Yxy color **19.5552, 0.4038, 0.3535** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5596, 0.2536, 0.3025**, and the grayscale version is **20.0343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.6677, 0.3819, 0.3487**, and **6.7928, 0.4410, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **16.7943, 0.4368, 0.3591**, and if you desaturate by 10%, it is **22.7553, 0.3753, 0.3474**.

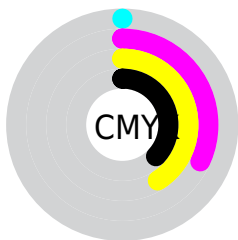
Distribution



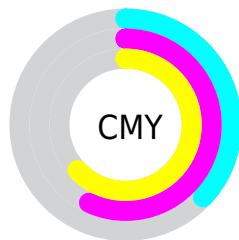
- Red (63%)
- Green (43%)
- Blue (37%)



- Red (63%)
- Yellow (45%)
- Blue (37%)



- Cyan (0%)
- Magenta (32%)
- Yellow (41%)
- Black (37%)





- Cyan (37%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5552, 0.4038, 0.3535 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 19.5552, 0.4038, 0.3535 by changing the saturation by 10% instead.


 19.5552, 0.4038,
0.3535


 19.5552, 0.4038,
0.3535


249.4969, 0.3513,
0.3412


 12.0721, 0.4198,
0.3563


 42.6702, 0.3827,
0.3491

 6.7928, 0.4423,
0.3594


 59.0709, 0.3755,
0.3474

 3.3329, 0.4760,
0.3622

 79.2129, 0.3695,
0.3460

 1.3079, 0.5584,
0.3806

 103.4807, 0.3646,
0.3448

 0.1473, 0.7996,
0.2004

132.2585, 0.3605,
0.3437

 0.0000, 0.0000,
0.0000

165.9309, 0.3570,

0.3427

204.8823, 0.3539,
0.3419

■ 19.5552, 0.4038,
0.3535

■ 19.5552, 0.4038,
0.3535

■ 16.7943, 0.4368,
0.3591

■ 22.7553, 0.3753,
0.3474

■ 14.4505, 0.4739,
0.3634

■ 26.4099, 0.3512,
0.3412

■ 12.5037, 0.5134,
0.3654


■ 30.5370, 0.3310,
0.3352


■ 10.9312, 0.5521,
0.3643


■ 35.1529, 0.3142,
0.3295

■ 9.7078, 0.5860,
0.3594

■ 40.2729, 0.3002,
0.3243

 8.8741, 0.6108,
0.3532

 45.9117, 0.2884,
0.3196

 52.0836, 0.2786,
0.3152

 58.8021, 0.2703,
0.3113

 66.0803, 0.2632,
0.3077

Harmonies

Analogous

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



19.5552, 0.3825, 0.3166



19.5552, 0.4038, 0.3535



19.5552, 0.3982, 0.3876

Triad

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



19.5552, 0.4038, 0.3535



19.5552, 0.2809, 0.3808



19.5552, 0.2555, 0.2550

Complementary

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



19.5552, 0.4038, 0.3535



25.5596, 0.2536, 0.3025

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.



19.5552, 0.2328, 0.2652



19.5552, 0.4038, 0.3535



19.5552, 0.2464, 0.3364

Square

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



19.5552, 0.4038, 0.3535



19.5552, 0.3257, 0.4087



19.5552, 0.2295, 0.2937



19.5552, 0.2944, 0.2623

Rectangle

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



19.5552, 0.4038, 0.3535



19.5552, 0.3808, 0.4043



19.5552, 0.2295, 0.2937



19.5552, 0.2459, 0.2564

Sweetspot

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



19.5561, 0.4038, 0.3535



53.7336, 0.3333, 0.3359



17.8588, 0.3359, 0.2496



11.5838, 0.3356, 0.3366



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.



19.5561, 0.4038, 0.3535



30.5721, 0.4331, 0.3585



27.8354, 0.3831, 0.4027



7.3352, 0.3279, 0.3342



7.1419, 0.6094, 0.3543



0.2153, 0.5462, 0.4045

Inverse Universe

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



25.5596, 0.2536, 0.3025



42.7477, 0.2425, 0.2956



16.9740, 0.2441, 0.2418



7.7369, 0.2988, 0.3238



13.7106, 0.2043, 0.2554



0.3517, 0.2125, 0.2850

Previews

White Background



This preview shows how the Yxy color 19.5552, 0.4038, 0.3535 looks on a white background.

Color Contrast Check

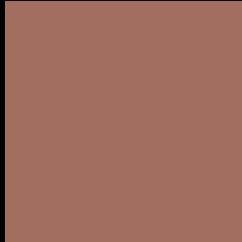
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5552, 0.4038, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

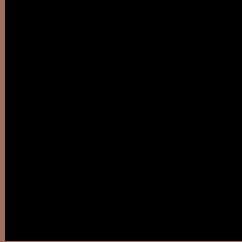
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5552, 0.4038, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 19.5552, 0.4038, 0.3535.



This preview shows how white text looks on a background with the Yxy color 19.5552, 0.4038, 0.3535.

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

19.5552, 0.4038, 0.3535

Protanopia

19.6045, 0.3478, 0.3682

Deuteranopia

19.6943, 0.3771, 0.3714



Tritanopia

19.5397, 0.3799, 0.3164

Trichromacy



Original Color

19.5552, 0.4038, 0.3535

Protanomaly

19.5204, 0.3667, 0.3630

Deuteranomaly

19.5536, 0.3871, 0.3651

Tritanomaly

19.4892, 0.3880, 0.3292

Monochromacy



Original Color

19.5552, 0.4038, 0.3535

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 19.5552, 0.4038, 0.3535 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, 110, 95)` looks like.

```
.text, #text, p{  
    color:rgb(161, 110, 95)  
}
```

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, 110, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 110, 95) }
```

Border

The CSS property to change the border of an element to Yxy 19.5552, 0.4038, 0.3535 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, 110, 95) }
```

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

```
.border{ border-color:rgb(161, 110, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 110, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 110, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 110, 95);  
box-shadow:4px 4px 4px 4px rgb(161, 110,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5552, 0.4038, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 110, 95) }
```

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

```
.background{ background-color: rgb(161,  
110, 95) }
```

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