

Converting Colors

$Y_{xy}(19.6803, 0.4014, 0.3515)$

Have a look what the booklet for
Yxy(19.6803, 0.4014, 0.3515)
contains.

Yxy(19.5920, 0.4010, 0.3503)	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(19.5920, 0.4010, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	A16E61
RGB	161, 110, 97
RGB Percent	63%, 43%, 38%
CMY	0.3687, 0.5686, 0.6196
CMYK	0.00, 0.32, 0.40, 0.37
HSL	12°, 25%, 51%
HSV	12°, 40%, 63%
XYZ	22.4276, 19.5920, 13.9096
YIQ	123.7670, 34.5690, 6.7690

Conversions

Conversions Part 2

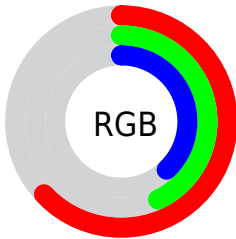
Format	Color
R_{YB}	161, 113, 97
Decimal	10579553
CIE _{Lab}	51.37, 18.57, 15.43
CIE _{LCh}	51, 24.147, 39.726
Yxy	19.5920, 0.4010, 0.3503
Android (android.graphics.Color)	4288769633 (0xFFA16E61)
YUV	123.7670, -13.1961, 32.6533
Hunter-Lab	44.2629, 12.9844, 12.3521

Details

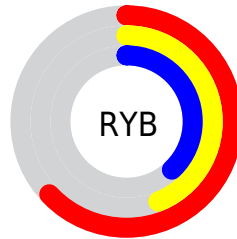
The Yxy color **19.5920, 0.4010, 0.3503** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.2811, 0.2556, 0.3061**, and the grayscale version is **20.1109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.7305, 0.3799, 0.3463**, and **6.8101, 0.4367, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **16.7523, 0.4342, 0.3554**, and if you desaturate by 10%, it is **22.8950, 0.3726, 0.3448**.

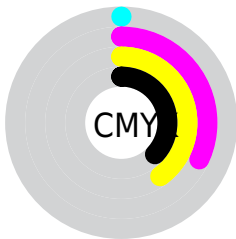
Distribution



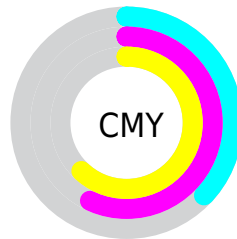
- Red (63%)
- Green (43%)
- Blue (38%)



- Red (63%)
- Yellow (44%)
- Blue (38%)



- Cyan (0%)
- Magenta (32%)
- Yellow (40%)
- Black (37%)





- Cyan (37%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.5920, 0.4010, 0.3503 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 19.5920, 0.4010, 0.3503 by changing the saturation by 10% instead.


 19.5920, 0.4010,
0.3503


 19.5920, 0.4010,
0.3503


249.6977, 0.3501,
0.3397


 12.0988, 0.4165,
0.3526


 42.7321, 0.3806,
0.3466

 6.8110, 0.4384,
0.3552


 59.1478, 0.3735,
0.3451

 3.3442, 0.4713,
0.3575

 79.3064, 0.3678,
0.3439

 1.3140, 0.5466,
0.3709

 103.5924, 0.3630,
0.3428

 0.1520, 0.7973,
0.2027

132.3901, 0.3590,
0.3418

 0.0000, 0.0000,
0.0000

166.0840, 0.3556,

0.3410

205.0584, 0.3527,
0.3403

■ 19.5920, 0.4010,
0.3503

■ 19.5920, 0.4010,
0.3503

■ 16.7523, 0.4342,
0.3554

■ 22.8950, 0.3726,
0.3448

■ 14.3522, 0.4717,
0.3593

■ 26.6779, 0.3487,
0.3392

■ 12.3702, 0.5120,
0.3613


■ 30.9600, 0.3288,
0.3339


■ 10.7818, 0.5520,
0.3604


■ 35.7588, 0.3123,
0.3289

■ 9.5597, 0.5871,
0.3561

■ 41.0907, 0.2986,
0.3243

 8.6674, 0.6148,
0.3496

 46.9715, 0.2872,
0.3201

 8.6479, 0.6155,
0.3495

 53.4164, 0.2776,
0.3162

 60.4400, 0.2695,
0.3128

 68.0561, 0.2627,
0.3096

Harmonies

Analogous

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



19.5920, 0.3783, 0.3143



19.5920, 0.4010, 0.3503



19.5920, 0.3976, 0.3842

Triad

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



19.5920, 0.4010, 0.3503



19.5920, 0.2849, 0.3824



19.5920, 0.2544, 0.2567

Complementary

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



19.5920, 0.4010, 0.3503



26.2811, 0.2556, 0.3061

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.



19.5920, 0.2335, 0.2682



19.5920, 0.4010, 0.3503



19.5920, 0.2499, 0.3398

Square

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



19.5920, 0.4010, 0.3503



19.5920, 0.3290, 0.4078



19.5920, 0.2318, 0.2974



19.5920, 0.2914, 0.2625

Rectangle

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



19.5920, 0.4010, 0.3503



19.5920, 0.3817, 0.4012



19.5920, 0.2318, 0.2974



19.5920, 0.2454, 0.2585

Sweetspot

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



19.5929, 0.4010, 0.3503



53.4745, 0.3334, 0.3352



18.2682, 0.3336, 0.2505



11.5223, 0.3357, 0.3358



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.



19.5929, 0.4010, 0.3503



30.4082, 0.4312, 0.3550



27.7187, 0.3813, 0.3990



7.3086, 0.3280, 0.3336



6.9584, 0.6142, 0.3505



0.2060, 0.5536, 0.3986

Inverse Universe

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



26.2811, 0.2556, 0.3061



44.1013, 0.2443, 0.2999



17.6496, 0.2467, 0.2470



7.7654, 0.2988, 0.3243



14.4957, 0.2066, 0.2636



0.3632, 0.2139, 0.2899

Previews

White Background



This preview shows how the Yxy color 19.5920, 0.4010, 0.3503 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 19.5920, 0.4010, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

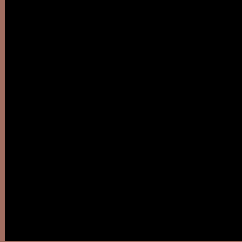
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5920, 0.4010, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 19.5920, 0.4010, 0.3503.



This preview shows how white text looks on a background with the Yxy color 19.5920, 0.4010, 0.3503.

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

19.5920, 0.4010, 0.3503

Protanopia

19.5655, 0.3440, 0.3646

Deuteranopia

19.7307, 0.3746, 0.3679



Tritanopia

19.5397, 0.3799, 0.3164

Trichromacy



Original Color

19.5920, 0.4010, 0.3503

Protanomaly

19.5592, 0.3641, 0.3595

Deuteranomaly

19.5900, 0.3844, 0.3617

Tritanomaly

19.4892, 0.3880, 0.3292

Monochromacy



Original Color

19.5920, 0.4010, 0.3503

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.7269, 0.3419, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5920, 0.4010, 0.3503 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(161, 110, 97)  
}
```

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, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 110, 97) }
```

Border

The CSS property to change the border of an element to Yxy 19.5920, 0.4010, 0.3503 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, 97) }
```

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

```
.border{ border-color:rgb(161, 110, 97) }
```

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, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 110, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 110, 97);  
box-shadow:4px 4px 4px 4px rgb(161, 110,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5920, 0.4010, 0.3503 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, 97) }
```

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

```
.background{ background-color: rgb(161,  
110, 97) }
```

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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