

Converting Colors

$Y_{xy}(22.0068, 0.3827, 0.3511)$

Have a look what the booklet for
Yxy(22.0068, 0.3827, 0.3511)
contains.

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Color

Yxy(22.0506, 0.3831, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	A1786A
RGB	161, 120, 106
RGB Percent	63%, 47%, 42%
CMY	0.3685, 0.5294, 0.5843
CMYK	0.00, 0.25, 0.34, 0.37
HSL	15°, 23%, 52%
HSV	15°, 34%, 63%
XYZ	24.0193, 22.0506, 16.6273
YIQ	130.6630, 28.9300, 4.3380

Conversions

Conversions Part 2

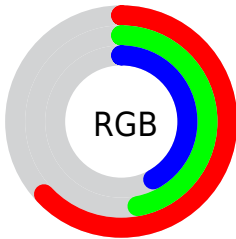
Format	Color
RYB	161, 125, 106
Decimal	10582122
CIELab	54.08, 14.04, 13.93
CIElCh	54, 19.778, 44.764
Yxy	22.0506, 0.3831, 0.3517
Android (android.graphics.Color)	4288772202 (0xFFA1786A)
YUV	130.6630, -12.1589, 26.6055
Hunter-Lab	46.9581, 9.1270, 11.8768

Details

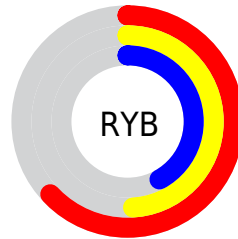
The Yxy color **22.0506, 0.3831, 0.3517** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.5161, 0.2623, 0.3049**, and the grayscale version is **22.6080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6911, 0.3678, 0.3473**, and **8.0104, 0.4113, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **19.0381, 0.4124, 0.3584**, and if you desaturate by 10%, it is **25.4903, 0.3581, 0.3448**.

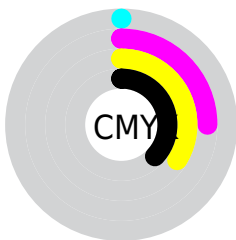
Distribution



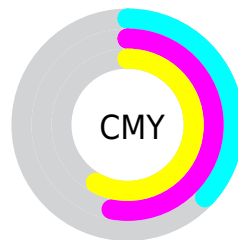
- Red (63%)
- Green (47%)
- Blue (42%)



- Red (63%)
- Yellow (49%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (34%)
- Black (37%)





- Cyan (37%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0506, 0.3831, 0.3517 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 22.0506, 0.3831, 0.3517 by changing the saturation by 10% instead.


 22.0506, 0.3831,
0.3517


 22.0506, 0.3831,
0.3517


262.8104, 0.3432,
0.3399


 13.8941, 0.3949,
0.3547


 46.8296, 0.3673,
0.3474


 8.0470, 0.4115,
0.3583


 64.2209, 0.3618,
0.3458

 4.1251, 0.4360,
0.3629

 85.4592, 0.3573,
0.3444

 1.7438, 0.4777,
0.3692

 110.9290, 0.3535,
0.3432

 0.4518, 0.6309,
0.3691

141.0146, 0.3503,
0.3422

 0.0000, 0.0000,
0.0000

176.1005, 0.3476,

0.3414

216.5709, 0.3453,
0.3406

■ 22.0506, 0.3831,
0.3517

■ 22.0506, 0.3831,
0.3517

■ 19.0381, 0.4124,
0.3584

■ 25.4903, 0.3581,
0.3448

■ 16.4329, 0.4459,
0.3644

■ 29.3700, 0.3369,
0.3380

■ 14.2178, 0.4829,
0.3686

■ 33.7058, 0.3192,
0.3315

■ 12.3735, 0.5214,
0.3702

■ 38.5122, 0.3044,
0.3256

■ 10.8786, 0.5582,
0.3681

■ 43.8027, 0.2919,
0.3201

■ 9.7094, 0.5892,
0.3619

■ 49.5906, 0.2814,
0.3151

■ 9.1612, 0.6051,
0.3578

■ 55.8885, 0.2726,
0.3105

■ 62.7085, 0.2650,
0.3064

■ 70.0625, 0.2586,
0.3026

Harmonies

Analogous

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



22.0506, 0.3685, 0.3225



22.0506, 0.3831, 0.3517



22.0506, 0.3774, 0.3773

Triad

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



22.0506, 0.3831, 0.3517



22.0506, 0.2857, 0.3655



22.0506, 0.2706, 0.2709

Complementary

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



22.0506, 0.3831, 0.3517



26.5161, 0.2623, 0.3049

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.



22.0506, 0.2511, 0.2783



22.0506, 0.3831, 0.3517



22.0506, 0.2593, 0.3320

Square

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



22.0506, 0.3831, 0.3517



22.0506, 0.3202, 0.3881



22.0506, 0.2471, 0.2999



22.0506, 0.3020, 0.2776

Rectangle

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



22.0506, 0.3831, 0.3517



22.0506, 0.3634, 0.3886



22.0506, 0.2471, 0.2999



22.0506, 0.2626, 0.2718

Sweetspot

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



22.0516, 0.3831, 0.3517



55.5733, 0.3295, 0.3354



20.0036, 0.3335, 0.2653



11.9683, 0.3319, 0.3362



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.



22.0516, 0.3831, 0.3517



35.3113, 0.4050, 0.3569



29.5707, 0.3693, 0.3931



7.3651, 0.3279, 0.3348



7.3721, 0.6036, 0.3589



0.2257, 0.5385, 0.4107

Inverse Universe

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



26.5161, 0.2623, 0.3049



44.5153, 0.2520, 0.2986



19.0138, 0.2560, 0.2553



7.7049, 0.2987, 0.3232



12.8632, 0.2017, 0.2461



0.3391, 0.2110, 0.2796

Previews

White Background



This preview shows how the Yxy color 22.0506, 0.3831, 0.3517 looks on a white background.

Color Contrast Check

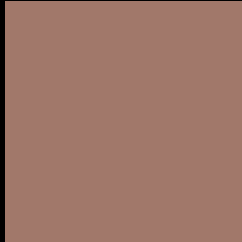
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0506, 0.3831, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

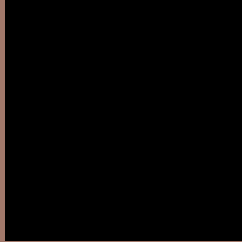
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0506, 0.3831, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 22.0506, 0.3831, 0.3517.



This preview shows how white text looks on a background with the Yxy color 22.0506, 0.3831, 0.3517.

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

22.0506, 0.3831, 0.3517

Protanopia

22.0825, 0.3413, 0.3611

Deuteranopia

21.9193, 0.3681, 0.3613



Tritanopia

22.0155, 0.3609, 0.3149

Trichromacy



Original Color

22.0506, 0.3831, 0.3517

Protanomaly

22.0456, 0.3560, 0.3584

Deuteranomaly

22.0559, 0.3738, 0.3591

Tritanomaly

21.9702, 0.3684, 0.3276

Monochromacy



Original Color

22.0506, 0.3831, 0.3517

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.3347, 0.3365, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0506, 0.3831, 0.3517 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, 120, 106)` looks like.

```
.text, #text, p{  
    color:rgb(161, 120, 106)  
}
```

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, 120, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 120, 106) }
```

Border

The CSS property to change the border of an element to Yxy 22.0506, 0.3831, 0.3517 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, 120, 106) }
```

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

```
.border{ border-color:rgb(161, 120, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 120, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 120, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 120, 106);  
box-shadow:4px 4px 4px 4px rgb(161, 120,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0506, 0.3831, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 120, 106) }
```

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

```
.background{ background-color: rgb(161,  
120, 106) }
```

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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