

Converting Colors

$Yxy(33.9592, 0.3818, 0.3992)$

Have a look what the booklet for
Yxy(33.9592, 0.3818, 0.3992)
contains.

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Color

Yxy(33.8513, 0.3820, 0.3978)

Conversions

Conversions Part 1

Format	Color
Hex	B19B6B
RGB	177, 155, 107
RGB Percent	69%, 61%, 42%
CMY	0.3059, 0.3921, 0.5803
CMYK	0.00, 0.12, 0.40, 0.31
HSL	41°, 31%, 56%
HSV	41°, 40%, 69%
XYZ	32.5068, 33.8513, 18.7382
YIQ	156.1060, 28.5200, -10.2640

Conversions

Conversions Part 2

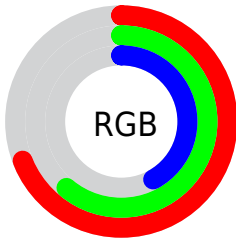
Format	Color
RYB	139, 177, 107
Decimal	11639659
CIELab	64.84, 1.19, 28.14
CIELCh	65, 28.166, 87.568
Yxy	33.8513, 0.3820, 0.3978
Android (android.graphics.Color)	4289829739 (0xFFB19B6B)
YUV	156.1060, -24.2093, 18.3240
Hunter-Lab	58.1819, -2.0886, 21.6322

Details

The Yxy color **33.8513, 0.3820, 0.3978** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.0070, 0.2468, 0.2485**, and the grayscale version is **33.3975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5966, 0.3689, 0.3842**, and **14.4273, 0.4028, 0.4179** is the 20% darker color. If you saturate the color by 10%, you get **31.7083, 0.4022, 0.4145**, and if you desaturate by 10%, it is **36.1590, 0.3625, 0.3802**.

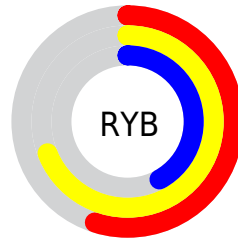
Distribution



Red (69%)

Green (61%)

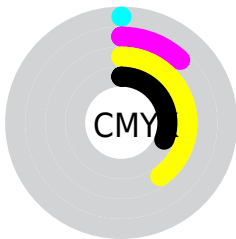
Blue (42%)



Red (55%)

Yellow (69%)

Blue (42%)

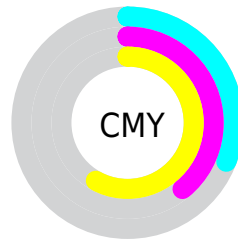


Cyan (0%)

Magenta (12%)

Yellow (40%)

Black (31%)



Cyan (31%)


Magenta (39%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.8513, 0.3820, 0.3978 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 33.8513, 0.3820, 0.3978 by changing the saturation by 10% instead.


 33.8513, 0.3820,
0.3978


 33.8513, 0.3820,
0.3978


319.4685, 0.3460,
0.3622


 22.7794, 0.3912,
0.4068


 65.7024, 0.3687,
0.3847


 14.4307, 0.4031,
0.4184


 87.2503, 0.3637,
0.3798

 8.4208, 0.4188,
0.4335


 113.0590, 0.3596,
0.3757

 4.3654, 0.4398,
0.4534

 143.5130, 0.3560,
0.3722

 1.8800, 0.4940,
0.5060

178.9965, 0.3530,
0.3692

 0.5363, 0.5012,
0.4988

219.8940, 0.3503,

 0.0000, 0.0000,

0.3666

0.0000

266.5899, 0.3480,
0.3643

■ 33.8513, 0.3820,
0.3978

■ 33.8513, 0.3820,
0.3978

■ 31.7083, 0.4022,
0.4145

■ 36.1590, 0.3625,
0.3802

■ 29.7195, 0.4224,
0.4293

■ 38.6321, 0.3443,
0.3623

■ 27.8801, 0.4419,
0.4411


■ 41.2773, 0.3274,
0.3449


■ 26.1830, 0.4597,
0.4490


■ 44.0992, 0.3120,
0.3282

■ 24.6201, 0.4748,
0.4521


■ 47.1025, 0.2982,
0.3125

 23.1763, 0.4873,
0.4509

 50.2915, 0.2858,
0.2980

 23.1105, 0.4879,
0.4508

 53.6703, 0.2747,
0.2845

 57.2429, 0.2648,
0.2721

 60.2622, 0.2620,
0.2721

Harmonies

Analogous

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



33.8513, 0.3997, 0.3703



33.8513, 0.3820, 0.3978



33.8513, 0.3460, 0.4082

Triad

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



33.8513, 0.3820, 0.3978



33.8513, 0.2388, 0.3140



33.8513, 0.3182, 0.2746

Complementary

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



33.8513, 0.3820, 0.3978



22.0070, 0.2468, 0.2485

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.



33.8513, 0.2759, 0.2600



33.8513, 0.3820, 0.3978



33.8513, 0.2325, 0.2794

Square

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



33.8513, 0.3820, 0.3978



33.8513, 0.2637, 0.3572



33.8513, 0.2455, 0.2610



33.8513, 0.3617, 0.3015

Rectangle

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



33.8513, 0.3820, 0.3978



33.8513, 0.3172, 0.4013



33.8513, 0.2455, 0.2610



33.8513, 0.3033, 0.2682

Sweetspot

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



33.8529, 0.3820, 0.3978



72.6336, 0.3318, 0.3495



21.4578, 0.3782, 0.2966



15.6102, 0.3338, 0.3517



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



33.8529, 0.3820, 0.3978



57.4358, 0.3987, 0.4117



40.4144, 0.3584, 0.4296



9.4471, 0.3271, 0.3446



16.8579, 0.4870, 0.4516



0.6292, 0.4640, 0.4698

Inverse Universe

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



22.0070, 0.2468, 0.2485



33.4175, 0.2320, 0.2280



17.6783, 0.2536, 0.2143



8.6516, 0.2985, 0.3129



4.4209, 0.1627, 0.1056



0.2463, 0.1791, 0.1647

Previews

White Background



This preview shows how the Yxy color 33.8513, 0.3820, 0.3978 looks on a white background.

Color Contrast Check

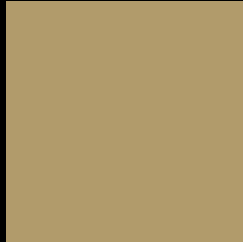
Large Text (above 18pt) WCAG AA × Fail

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 33.8513, 0.3820, 0.3978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

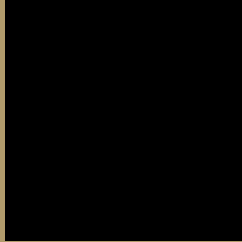
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.8513, 0.3820, 0.3978

Background



This preview shows how black text looks on a background with the Yxy color 33.8513, 0.3820, 0.3978.



This preview shows how white text looks on a background with the Yxy color 33.8513, 0.3820, 0.3978.

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

33.8513, 0.3820, 0.3978

Protanopia

33.7427, 0.3725, 0.4011

Deuteranopia

33.9073, 0.3952, 0.3883



Tritanopia

33.7852, 0.3373, 0.3125

Trichromacy



Original Color

33.8513, 0.3820, 0.3978

Protanomaly

33.7439, 0.3762, 0.3989

Deuteranomaly

33.7295, 0.3903, 0.3906

Tritanomaly

33.8801, 0.3539, 0.3432

Monochromacy



Original Color

33.8513, 0.3820, 0.3978

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.5044, 0.3377, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8513, 0.3820, 0.3978 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(177, 155, 107)` looks like.

```
.text, #text, p{  
    color:rgb(177, 155, 107)  
}
```

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(177, 155, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 155, 107) }
```

Border

The CSS property to change the border of an element to Yxy 33.8513, 0.3820, 0.3978 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(177, 155, 107) }
```

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

```
.border{ border-color:rgb(177, 155, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 155, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 155, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 155, 107);  
box-shadow:4px 4px 4px 4px rgb(177, 155,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8513, 0.3820, 0.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 155, 107) }
```

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

```
.background{ background-color: rgb(177,  
155, 107) }
```

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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