

Converting Colors

Yxy(33.0800, 0.3655, 0.3624)

Have a look what the booklet for
Yxy(33.0800, 0.3655, 0.3624)
contains.

Yxy(33.2492, 0.3661, 0.3635)	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(33.2492, 0.3661, 0.3635)

Conversions

Conversions Part 1	
Format	Color
Hex	B3977F
RGB	179, 151, 127
RGB Percent	70%, 59%, 50%
CMY	0.2981, 0.4078, 0.5019
CMYK	0.00, 0.16, 0.29, 0.30
HSL	28°, 25%, 60%
HSV	28°, 29%, 70%
XYZ	33.4870, 33.2492, 24.7334
YIQ	156.6360, 24.3920, -1.5280

Conversions

Conversions Part 2

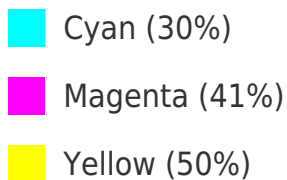
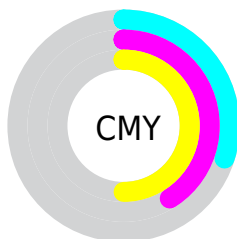
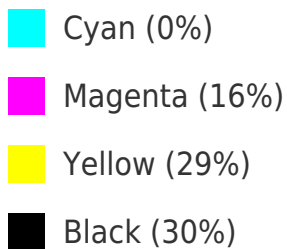
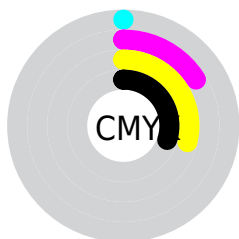
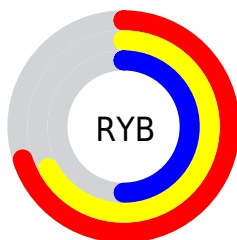
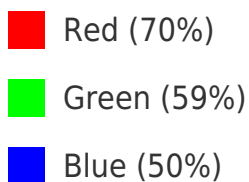
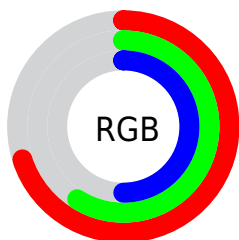
Format	Color
RYB	179, 172, 127
Decimal	11769727
CIELab	64.36, 6.75, 16.52
CIELCh	64, 17.851, 67.771
Yxy	33.2492, 0.3661, 0.3635
Android (android.graphics.Color)	4289959807 (0xFFB3977F)
YUV	156.6360, -14.6105, 19.6132
Hunter-Lab	57.6621, 2.7544, 14.9318

Details

The Yxy color $33.2492, 0.3661, 0.3635$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $31.2080, 0.2674, 0.2917$, and the grayscale version is $33.6042, 0.3127, 0.3290$.

A 20% lighter version of the original color is $64.6201, 0.3550, 0.3566$, and $14.0244, 0.3830, 0.3733$ is the 20% darker color. If you saturate the color by 10%, you get $29.8485, 0.3895, 0.3759$, and if you desaturate by 10%, it is $36.9895, 0.3453, 0.3512$.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2492, 0.3661, 0.3635 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 33.2492, 0.3661, 0.3635 by changing the saturation by 10% instead.


 33.2492, 0.3661,
0.3635


 33.2492, 0.3661,
0.3635


316.7711, 0.3378,
0.3458


 22.3174, 0.3737,
0.3680


 64.7644, 0.3554,
0.3570

 14.0903, 0.3838,
0.3739


 86.1166, 0.3515,
0.3545

 8.1835, 0.3977,
0.3817


 111.7111, 0.3483,
0.3525

 4.2126, 0.4181,
0.3924

141.9322, 0.3455,
0.3507

 1.7932, 0.4555,
0.4121

177.1644, 0.3432,
0.3492

 0.4829, 0.5637,
0.4363


217.7920, 0.3411,

 0.0000, 0.0000,


0.3479


0.0000

264.1994, 0.3394,
0.3468

 33.2492, 0.3661,
0.3635


 33.2492, 0.3661,
0.3635


 29.8485, 0.3895,
0.3759


 36.9895, 0.3453,
0.3512

 26.7723, 0.4155,
0.3876


 41.0745, 0.3271,
0.3392

 24.0111, 0.4435,
0.3978


 45.5154, 0.3113,
0.3280


 21.5531, 0.4725,
0.4052


 50.3212, 0.2976,
0.3175

 19.3854, 0.5010,
0.4087


 55.5004, 0.2857,
0.3078


 17.4939, 0.5270,
0.4072


 61.0615, 0.2754,
0.2989

 15.8581, 0.5494,
0.4009

 67.0126, 0.2664,
0.2908

 15.7132, 0.5516,
0.4002

 72.3432, 0.2662,
0.2990

 77.7969, 0.2675,
0.3099

Harmonies

Analogous

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



33.2492, 0.3666, 0.3422



33.2492, 0.3661, 0.3635



33.2492, 0.3508, 0.3769

Triad

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



33.2492, 0.3661, 0.3635



33.2492, 0.2745, 0.3380



33.2492, 0.2981, 0.2857

Complementary

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



33.2492, 0.3661, 0.3635



31.2080, 0.2674, 0.2917

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.



33.2492, 0.2748, 0.2831



33.2492, 0.3661, 0.3635



33.2492, 0.2617, 0.3119

Square

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



33.2492, 0.3661, 0.3635



33.2492, 0.2976, 0.3626



33.2492, 0.2618, 0.2922



33.2492, 0.3264, 0.2986

Rectangle

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



33.2492, 0.3661, 0.3635



33.2492, 0.3346, 0.3787



33.2492, 0.2618, 0.2922



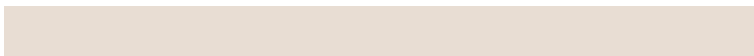
33.2492, 0.2895, 0.2836

Sweetspot

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



33.2507, 0.3661, 0.3635



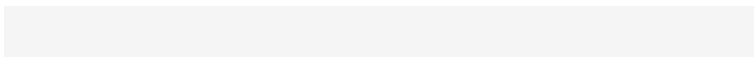
73.4865, 0.3273, 0.3393



27.1503, 0.3416, 0.2885



16.0386, 0.3298, 0.3410



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



33.2507, 0.3661, 0.3635



55.4988, 0.3811, 0.3716



42.3212, 0.3567, 0.3970



9.1302, 0.3276, 0.3395



11.2320, 0.5497, 0.4018



0.4705, 0.5043, 0.4378

Inverse Universe

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



31.2080, 0.2674, 0.2917



51.2242, 0.2571, 0.2818



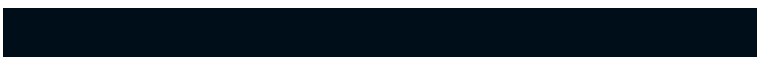
23.6277, 0.2631, 0.2504



8.9626, 0.2985, 0.3182



8.3903, 0.1814, 0.1731



0.3792, 0.1947, 0.2208

Previews

White Background



This preview shows how the Yxy color 33.2492, 0.3661, 0.3635 looks on a white background.

Color Contrast Check

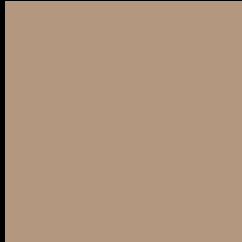
Large Text (above 18pt) WCAG AA × Fail

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 33.2492, 0.3661, 0.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

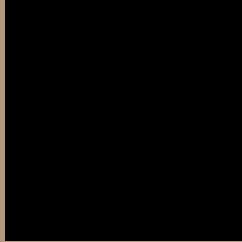
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2492, 0.3661, 0.3635

Background



This preview shows how black text looks on a background with the Yxy color 33.2492, 0.3661, 0.3635.



This preview shows how white text looks on a background with the Yxy color 33.2492, 0.3661, 0.3635.

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

33.2492, 0.3661, 0.3635

Protanopia

33.3612, 0.3474, 0.3695

Deuteranopia

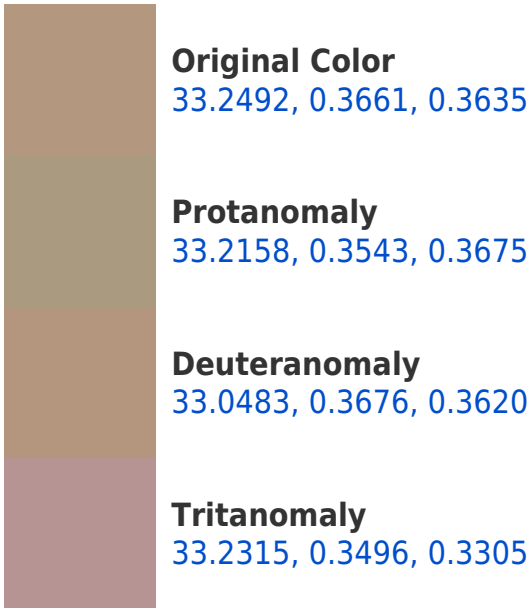
33.1688, 0.3687, 0.3619



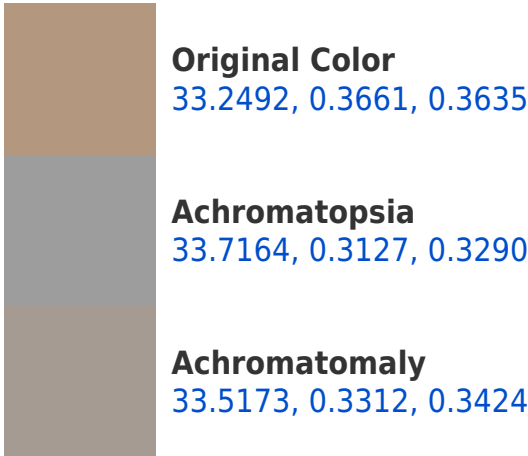
Tritanopia

33.4033, 0.3395, 0.3139

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2492, 0.3661, 0.3635 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(179, 151, 127) looks like.

```
.text, #text, p{  
    color:rgb(179, 151, 127)  
}
```

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(179, 151, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 151, 127) }
```

Border

The CSS property to change the border of an element to Yxy 33.2492, 0.3661, 0.3635 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(179, 151, 127) }
```

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

```
.border{ border-color:rgb(179, 151, 127) }
```

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

Here you see how a box with a 4 pixel rgb(179, 151, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 151, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 151, 127);  
box-shadow:4px 4px 4px 4px rgb(179, 151,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2492, 0.3661, 0.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 151, 127) }
```

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

```
.background{ background-color: rgb(179,  
151, 127) }
```

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