

Converting Colors

Yxy(34.5611, 0.3600, 0.3655)

Have a look what the booklet for
Yxy(34.5611, 0.3600, 0.3655)
contains.

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Color

Yxy(34.5194, 0.3605, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	B29B82
RGB	178, 155, 130
RGB Percent	70%, 61%, 51%
CMY	0.3020, 0.3922, 0.4901
CMYK	0.00, 0.13, 0.27, 0.30
HSL	31°, 24%, 60%
HSV	31°, 27%, 70%
XYZ	34.1125, 34.5194, 25.9936
YIQ	159.0270, 21.7330, -2.8990

Conversions

Conversions Part 2

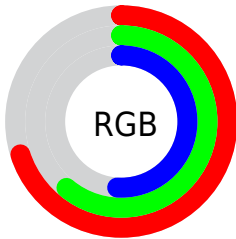
Format	Color
RYB	174, 178, 130
Decimal	11705218
CIELab	65.37, 4.58, 16.23
CIELCh	65, 16.863, 74.231
Yxy	34.5194, 0.3605, 0.3648
Android (android.graphics.Color)	4289895298 (0xFFB29B82)
YUV	159.0270, -14.3103, 16.6393
Hunter-Lab	58.7532, 0.8202, 14.8961

Details

The Yxy color **34.5194, 0.3605, 0.3648** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.7545, 0.2704, 0.2903**, and the grayscale version is **34.7449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5123, 0.3510, 0.3576**, and **14.8547, 0.3759, 0.3750** is the 20% darker color. If you saturate the color by 10%, you get **31.3424, 0.3824, 0.3787**, and if you desaturate by 10%, it is **37.9830, 0.3409, 0.3510**.

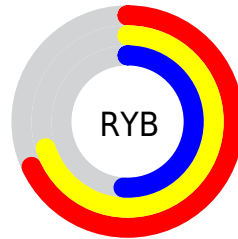
Distribution



Red (70%)

Green (61%)

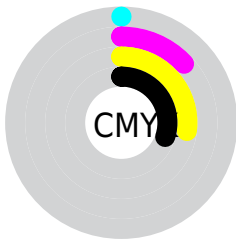
Blue (51%)



Red (68%)

Yellow (70%)

Blue (51%)

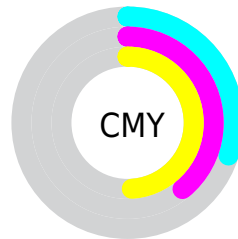


Cyan (0%)

Magenta (13%)

Yellow (27%)

Black (30%)



Cyan (30%)


Magenta (39%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5194, 0.3605, 0.3648 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 34.5194, 0.3605, 0.3648 by changing the saturation by 10% instead.


 34.5194, 0.3605,
0.3648


 34.5194, 0.3605,
0.3648


322.4419, 0.3353,
0.3463


 23.2929, 0.3672,
0.3696


 66.7406, 0.3511,
0.3580

 14.8099, 0.3760,
0.3757


 88.5040, 0.3476,
0.3554

 8.6861, 0.3881,
0.3840


 114.5486, 0.3447,
0.3533

 4.5370, 0.4058,
0.3956

145.2587, 0.3423,
0.3515

 1.9783, 0.4352,
0.4143

181.0186, 0.3402,
0.3499

 0.5948, 0.5324,
0.4676

222.2129, 0.3384,

 0.0000, 0.0000,

0.3486

0.0000

269.2258, 0.3368,
0.3474

■ 34.5194, 0.3605,
0.3648

■ 34.5194, 0.3605,
0.3648

■ 31.3424, 0.3824,
0.3787

■ 37.9830, 0.3409,
0.3510

■ 28.4390, 0.4064,
0.3920

■ 41.7365, 0.3235,
0.3378

■ 25.8018, 0.4320,
0.4040

■ 45.7890, 0.3083,
0.3253

■ 23.4212, 0.4583,
0.4134

■ 50.1478, 0.2949,
0.3136

■ 21.2871, 0.4842,
0.4191

■ 54.8198, 0.2832,
0.3029

■ 19.3878, 0.5079,
0.4200

■ 59.8118, 0.2730,
0.2930

■ 17.7090, 0.5283,
0.4157

■ 65.1303, 0.2641,
0.2839

■ 17.2346, 0.5343,
0.4140

■ 69.6075, 0.2650,
0.2934

■ 74.2909, 0.2662,
0.3032

Harmonies

Analogous

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



34.5194, 0.3641, 0.3461



34.5194, 0.3605, 0.3648



34.5194, 0.3438, 0.3748

Triad

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



34.5194, 0.3605, 0.3648



34.5194, 0.2735, 0.3320



34.5194, 0.3047, 0.2903

Complementary

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



34.5194, 0.3605, 0.3648



30.7545, 0.2704, 0.2903

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.



34.5194, 0.2813, 0.2857



34.5194, 0.3605, 0.3648



34.5194, 0.2639, 0.3085

Square

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



34.5194, 0.3605, 0.3648



34.5194, 0.2934, 0.3559



34.5194, 0.2667, 0.2919



34.5194, 0.3311, 0.3042

Rectangle

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



34.5194, 0.3605, 0.3648



34.5194, 0.3278, 0.3744



34.5194, 0.2667, 0.2919



34.5194, 0.2962, 0.2877

Sweetspot

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



34.5210, 0.3605, 0.3648



74.8484, 0.3255, 0.3393



27.7451, 0.3425, 0.2959



16.3514, 0.3280, 0.3413



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.



34.5210, 0.3605, 0.3648



59.3083, 0.3725, 0.3726



42.8251, 0.3519, 0.3953



9.2127, 0.3275, 0.3409



12.4579, 0.5327, 0.4153



0.5080, 0.4931, 0.4467

Inverse Universe

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



30.7545, 0.2704, 0.2903



51.3922, 0.2612, 0.2809



23.9989, 0.2675, 0.2532



8.8799, 0.2985, 0.3168



7.1117, 0.1760, 0.1534



0.3408, 0.1906, 0.2061

Previews

White Background



This preview shows how the Yxy color 34.5194, 0.3605, 0.3648 looks on a white background.

Color Contrast Check

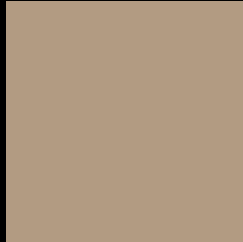
Large Text (above 18pt) WCAG AA × Fail

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 34.5194, 0.3605, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

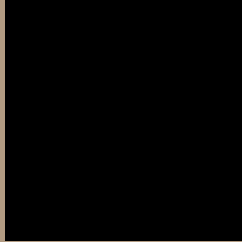
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5194, 0.3605, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 34.5194, 0.3605, 0.3648.



This preview shows how white text looks on a background with the Yxy color 34.5194, 0.3605, 0.3648.

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

34.5194, 0.3605, 0.3648

Protanopia

34.4445, 0.3471, 0.3674

Deuteranopia

34.5845, 0.3676, 0.3613



Tritanopia

34.3664, 0.3339, 0.3125

Trichromacy



Original Color

34.5194, 0.3605, 0.3648

Protanomaly

34.5233, 0.3525, 0.3670

Deuteranomaly

34.6680, 0.3651, 0.3630

Tritanomaly

34.4822, 0.3445, 0.3319

Monochromacy



Original Color

34.5194, 0.3605, 0.3648

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.6988, 0.3298, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5194, 0.3605, 0.3648 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(178, 155, 130)` looks like.

```
.text, #text, p{  
    color:rgb(178, 155, 130)  
}
```

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(178, 155, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 155, 130) }
```

Border

The CSS property to change the border of an element to Yxy 34.5194, 0.3605, 0.3648 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(178, 155, 130) }
```

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

```
.border{ border-color:rgb(178, 155, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 155, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 155, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 155, 130);  
box-shadow:4px 4px 4px 4px rgb(178, 155,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5194, 0.3605, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 155, 130) }
```

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

```
.background{ background-color: rgb(178,  
155, 130) }
```

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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