

Converting Colors

$Yxy(38.3890, 0.3640, 0.3533)$

Have a look what the booklet for
Yxy(38.3890, 0.3640, 0.3533)
contains.

Yxy(38.5340, 0.3645, 0.3545)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.5340, 0.3645, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	C2A08D
RGB	194, 160, 141
RGB Percent	76%, 63%, 55%
CMY	0.2393, 0.3725, 0.4471
CMYK	0.00, 0.18, 0.27, 0.24
HSL	22°, 30%, 66%
HSV	22°, 27%, 76%
XYZ	39.6210, 38.5340, 30.5446
YIQ	168.0000, 26.3630, 1.2990

Conversions

Conversions Part 2

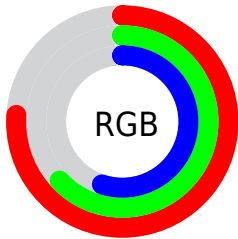
Format	Color
RYB	194, 171, 141
Decimal	12755085
CIELab	68.41, 9.66, 14.61
CIELCh	68, 17.519, 56.532
Yxy	38.5340, 0.3645, 0.3545
Android (android.graphics.Color)	4290945165 (0xFFC2A08D)
YUV	168.0000, -13.3110, 22.8020
Hunter-Lab	62.0758, 5.2983, 14.2792

Details

The Yxy color **38.5340, 0.3645, 0.3545** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1957, 0.2707, 0.3020**, and the grayscale version is **39.2143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0502, 0.3541, 0.3498**, and **17.2681, 0.3809, 0.3619** is the 20% darker color. If you saturate the color by 10%, you get **33.9104, 0.3895, 0.3643**, and if you desaturate by 10%, it is **43.6934, 0.3429, 0.3448**.

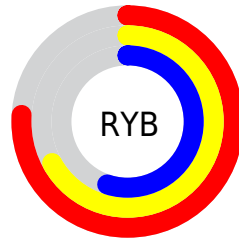
Distribution



Red (76%)

Green (63%)

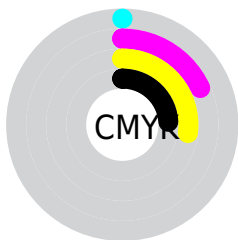
Blue (55%)



Red (76%)

Yellow (67%)

Blue (55%)

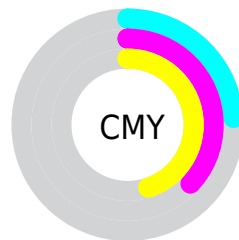


Cyan (0%)

Magenta (18%)

Yellow (27%)

Black (24%)



Cyan (24%)


Magenta (37%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5340, 0.3645, 0.3545 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 38.5340, 0.3645, 0.3545 by changing the saturation by 10% instead.


 38.5340, 0.3645,
0.3545

 38.5340, 0.3645,
0.3545


339.9052, 0.3376,
0.3418

 26.3974, 0.3715,
0.3576


 72.9259, 0.3545,
0.3499

 17.1212, 0.3807,
0.3615


 95.9500, 0.3508,
0.3482

 10.3209, 0.3933,
0.3666


 123.3720, 0.3477,
0.3468

 5.6123, 0.4113,
0.3733

155.5764, 0.3451,
0.3455

 2.6108, 0.4393,
0.3825

192.9475, 0.3428,
0.3444

 0.9321, 0.5530,
0.4470

235.8697, 0.3409,

 0.0000, 1.0000,

0.3434


0.0000

284.7275, 0.3391,
0.3426

 0.0000, 0.0000,
0.0000

 38.5340, 0.3645,
0.3545


 38.5340, 0.3645,
0.3545


 33.9104, 0.3895,
0.3643


 43.6934, 0.3429,
0.3448


 29.7993, 0.4180,
0.3737


 49.4002, 0.3245,
0.3355


 26.1837, 0.4496,
0.3817

 55.6724, 0.3087,
0.3267

 23.0432, 0.4834,
0.3873

 62.5254, 0.2954,
0.3186

 20.3560, 0.5173,
0.3893

 69.9741, 0.2839,
0.3112

■ 18.0982, 0.5487,
0.3865

■ 77.8788, 0.2754,
0.3069

■ 16.2412, 0.5749,
0.3788

■ 85.2325, 0.2766,
0.3204

■ 15.8028, 0.5815,
0.3765

■ 90.2059, 0.2773,
0.3289

Harmonies

Analogous

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



38.5340, 0.3594, 0.3332



38.5340, 0.3645, 0.3545



38.5340, 0.3551, 0.3703

Triad

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



38.5340, 0.3645, 0.3545



38.5340, 0.2842, 0.3466



38.5340, 0.2900, 0.2863

Complementary

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



38.5340, 0.3645, 0.3545



40.1957, 0.2707, 0.3020

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.



38.5340, 0.2713, 0.2880



38.5340, 0.3645, 0.3545



38.5340, 0.2681, 0.3219

Square

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



38.5340, 0.3645, 0.3545



38.5340, 0.3083, 0.3668



38.5340, 0.2635, 0.3005



38.5340, 0.3155, 0.2950

Rectangle

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



38.5340, 0.3645, 0.3545



38.5340, 0.3421, 0.3751



38.5340, 0.2635, 0.3005



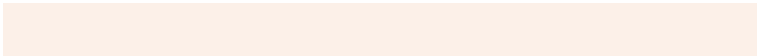
38.5340, 0.2828, 0.2856

Sweetspot

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



38.5358, 0.3645, 0.3545



88.6499, 0.3259, 0.3362



33.6249, 0.3341, 0.2841



19.0545, 0.3285, 0.3376



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



38.5358, 0.3645, 0.3545



64.5221, 0.3796, 0.3606



48.5177, 0.3559, 0.3871



10.6566, 0.3280, 0.3373



10.5353, 0.5791, 0.3784



0.5864, 0.5362, 0.4125

Inverse Universe

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



40.1957, 0.2707, 0.3020



68.0350, 0.2613, 0.2948



31.0310, 0.2669, 0.2633



10.8003, 0.2984, 0.3205



12.2542, 0.1912, 0.2083



0.6561, 0.1995, 0.2383

Previews

White Background



This preview shows how the Yxy color 38.5340, 0.3645, 0.3545 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 38.5340, 0.3645, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

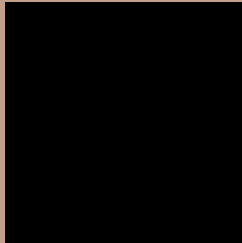
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5340, 0.3645, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 38.5340, 0.3645, 0.3545.



This preview shows how white text looks on a background with the Yxy color 38.5340, 0.3645, 0.3545.

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

38.5340, 0.3645, 0.3545

Protanopia

38.7650, 0.3407, 0.3615

Deuteranopia

38.6193, 0.3622, 0.3560



Tritanopia

38.4744, 0.3421, 0.3135

Trichromacy



Original Color

38.5340, 0.3645, 0.3545

Protanomaly

38.4792, 0.3493, 0.3581

Deuteranomaly

38.7503, 0.3632, 0.3559

Tritanomaly

38.3183, 0.3507, 0.3278

Monochromacy



Original Color

38.5340, 0.3645, 0.3545

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7260, 0.3303, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5340, 0.3645, 0.3545 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(194, 160, 141)` looks like.

```
.text, #text, p{  
    color:rgb(194, 160, 141)  
}
```

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(194, 160, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 160, 141) }
```

Border

The CSS property to change the border of an element to Yxy 38.5340, 0.3645, 0.3545 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(194, 160, 141) }
```

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

```
.border{ border-color:rgb(194, 160, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 160, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 160, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 160, 141);  
box-shadow:4px 4px 4px 4px rgb(194, 160,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5340, 0.3645, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 160, 141) }
```

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

```
.background{ background-color: rgb(194,  
160, 141) }
```

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