

Converting Colors

$Yxy(39.0631, 0.3564, 0.3472)$

Have a look what the booklet for
Yxy(39.0631, 0.3564, 0.3472)
contains.

Yxy(38.9653, 0.3564, 0.3464)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.9653, 0.3564, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	C1A194
RGB	193, 161, 148
RGB Percent	76%, 63%, 58%
CMY	0.2430, 0.3687, 0.4195
CMYK	0.00, 0.17, 0.23, 0.24
HSL	17°, 27%, 67%
HSV	17°, 23%, 76%
XYZ	40.0902, 38.9653, 33.4310
YIQ	169.0860, 23.2450, 2.7410

Conversions

Conversions Part 2

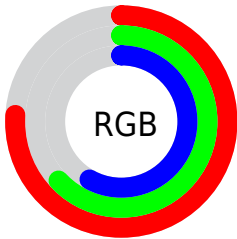
Format	Color
R _Y B	193, 166, 148
Decimal	12689812
CIE Lab	68.73, 9.78, 11.15
CIE LCh	69, 14.833, 48.765
Yxy	38.9653, 0.3564, 0.3464
Android (android.graphics.Color)	4290879892 (0xFFC1A194)
YUV	169.0860, -10.3954, 20.9726
Hunter-Lab	62.4222, 5.4014, 11.9421

Details

The Yxy color **38.9653, 0.3564, 0.3464** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8167, 0.2772, 0.3109**, and the grayscale version is **39.7675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7000, 0.3480, 0.3436**, and **17.2893, 0.3711, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **33.8647, 0.3811, 0.3544**, and if you desaturate by 10%, it is **44.6992, 0.3355, 0.3387**.

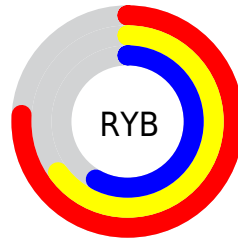
Distribution



Red (76%)

Green (63%)

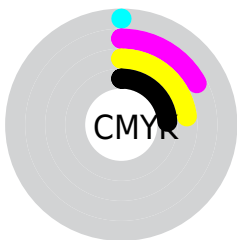
Blue (58%)



Red (76%)

Yellow (65%)

Blue (58%)

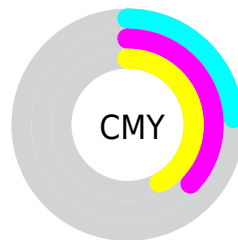


Cyan (0%)

Magenta (17%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.9653, 0.3564, 0.3464 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 38.9653, 0.3564, 0.3464 by changing the saturation by 10% instead.


 38.9653, 0.3564,
0.3464


 38.9653, 0.3564,
0.3464


341.7429, 0.3337,
0.3378

 26.7327, 0.3623,
0.3485


 73.5853, 0.3480,
0.3433

 17.3726, 0.3701,
0.3511


 96.7415, 0.3449,
0.3421

 10.5005, 0.3807,
0.3546


124.3078, 0.3423,
0.3411

 5.7320, 0.3960,
0.3592

156.6684, 0.3400,
0.3403

 2.6828, 0.4200,
0.3655

194.2079, 0.3381,
0.3395

 0.9685, 0.4912,
0.3972

237.3105, 0.3365,


 0.0000, 1.0000,


0.3389

0.0000

286.3607, 0.3350,
0.3383


 0.0000, 0.0000,
0.0000

 38.9653, 0.3564,
0.3464


 38.9653, 0.3564,
0.3464


 33.8647, 0.3811,
0.3544


 44.6992, 0.3355,
0.3387


 29.3699, 0.4098,
0.3621


 51.0820, 0.3179,
0.3313

 25.4595, 0.4426,
0.3690

 58.1353, 0.3031,
0.3245

 22.1084, 0.4787,
0.3741

 65.8782, 0.2907,
0.3183

 19.2898, 0.5161,
0.3762

 74.3290, 0.2802,
0.3126

■ 16.9744, 0.5520,
0.3744

■ 82.9230, 0.2757,
0.3165

■ 15.1294, 0.5826,
0.3680

■ 90.0822, 0.2768,
0.3289

■ 14.1349, 0.5995,
0.3622

Harmonies

Analogous

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



38.9653, 0.3490, 0.3279



38.9653, 0.3564, 0.3464



38.9653, 0.3516, 0.3613

Triad

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



38.9653, 0.3564, 0.3464



38.9653, 0.2935, 0.3488



38.9653, 0.2888, 0.2922

Complementary

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



38.9653, 0.3564, 0.3464



42.8167, 0.2772, 0.3109

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.



38.9653, 0.2749, 0.2962



38.9653, 0.3564, 0.3464



38.9653, 0.2776, 0.3285

Square

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



38.9653, 0.3564, 0.3464



38.9653, 0.3149, 0.3636



38.9653, 0.2709, 0.3092



38.9653, 0.3094, 0.2974

Rectangle

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



38.9653, 0.3564, 0.3464



38.9653, 0.3423, 0.3669



38.9653, 0.2709, 0.3092



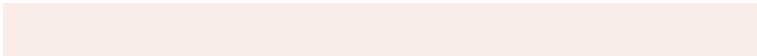
38.9653, 0.2832, 0.2925

Sweetspot

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



38.9671, 0.3564, 0.3464



86.9832, 0.3242, 0.3340



35.8336, 0.3274, 0.2872



18.5109, 0.3253, 0.3345



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



38.9671, 0.3564, 0.3464



64.9496, 0.3685, 0.3505



47.4642, 0.3501, 0.3748



10.5402, 0.3282, 0.3357



9.5181, 0.5972, 0.3640



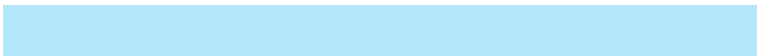
0.5332, 0.5519, 0.4000

Inverse Universe

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



42.8167, 0.2772, 0.3109



73.0366, 0.2696, 0.3064



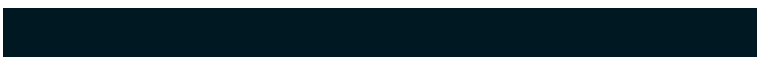
34.5245, 0.2747, 0.2786



10.9221, 0.2984, 0.3222



14.6752, 0.1982, 0.2334



0.7474, 0.2048, 0.2573

Previews

White Background



This preview shows how the Yxy color 38.9653, 0.3564, 0.3464 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 38.9653, 0.3564, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

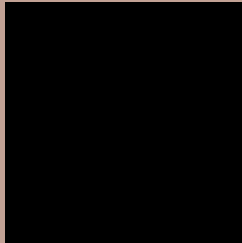
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9653, 0.3564, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 38.9653, 0.3564, 0.3464.



This preview shows how white text looks on a background with the Yxy color 38.9653, 0.3564, 0.3464.

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

38.9653, 0.3564, 0.3464

Protanopia

38.9858, 0.3343, 0.3515

Deuteranopia

39.0551, 0.3541, 0.3479



Tritanopia

39.0918, 0.3388, 0.3135

Trichromacy



Original Color

38.9653, 0.3564, 0.3464

Protanomaly

39.0574, 0.3425, 0.3497

Deuteranomaly

39.1852, 0.3551, 0.3478

Tritanomaly

39.0070, 0.3453, 0.3252

Monochromacy



Original Color

38.9653, 0.3564, 0.3464

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3106, 0.3284, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9653, 0.3564, 0.3464 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(193, 161, 148)` looks like.

```
.text, #text, p{  
    color:rgb(193, 161, 148)  
}
```

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(193, 161, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 161, 148) }
```

Border

The CSS property to change the border of an element to Yxy 38.9653, 0.3564, 0.3464 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(193, 161, 148) }
```

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

```
.border{ border-color:rgb(193, 161, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 161, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 161, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 161, 148);  
box-shadow:4px 4px 4px 4px rgb(193, 161,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9653, 0.3564, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 161, 148) }
```

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

```
.background{ background-color: rgb(193,  
161, 148) }
```

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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