

Converting Colors

$Yxy(33.5981, 0.4128, 0.3960)$

Have a look what the booklet for
Yxy(33.5981, 0.4128, 0.3960)
contains.

Yxy(33.5310, 0.4135, 0.3956)	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(33.5310, 0.4135, 0.3956)

Conversions

Conversions Part 1

Format	Color
Hex	C29462
RGB	194, 148, 98
RGB Percent	76%, 58%, 38%
CMY	0.2391, 0.4196, 0.6157
CMYK	0.00, 0.24, 0.49, 0.24
HSL	31°, 44%, 57%
HSV	31°, 49%, 76%
XYZ	35.0482, 33.5310, 16.1807
YIQ	156.0540, 43.4660, -5.7980

Conversions

Conversions Part 2

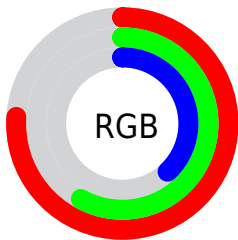
Format	Color
RYB	186, 194, 98
Decimal	12751970
CIELab	64.59, 11.18, 33.01
CIELCh	65, 34.853, 71.286
Yxy	33.5310, 0.4135, 0.3956
Android (android.graphics.Color)	4290942050 (0xFFC29462)
YUV	156.0540, -28.6206, 33.2786
Hunter-Lab	57.9060, 6.7036, 23.9668

Details

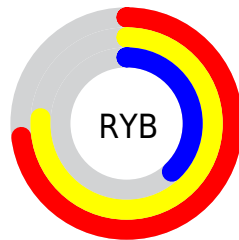
The Yxy color **33.5310, 0.4135, 0.3956** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.4516, 0.2334, 0.2494**, and the grayscale version is **33.3884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1064, 0.3940, 0.3846**, and **14.1830, 0.4449, 0.4116** is the 20% darker color. If you saturate the color by 10%, you get **30.4077, 0.4396, 0.4070**, and if you desaturate by 10%, it is **36.9809, 0.3888, 0.3825**.

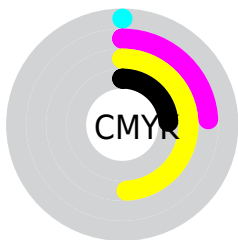
Distribution



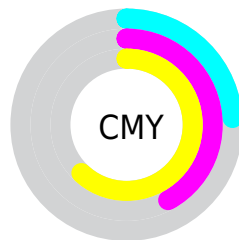
- Red (76%)
- Green (58%)
- Blue (38%)



- Red (73%)
- Yellow (76%)
- Blue (38%)



- Cyan (0%)
- Magenta (24%)
- Yellow (49%)
- Black (24%)





- Cyan (24%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5310, 0.4135, 0.3956 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 33.5310, 0.4135, 0.3956 by changing the saturation by 10% instead.


 33.5310, 0.4135,
0.3956

 33.5310, 0.4135,
0.3956


318.0357, 0.3608,
0.3628

 22.5335, 0.4270,
0.4031


 65.2037, 0.3940,
0.3840

 14.2495, 0.4442,
0.4121


 86.6477, 0.3868,
0.3796

 8.2944, 0.4668,
0.4227


 112.3426, 0.3807,
0.3758

 4.2839, 0.4981,
0.4352

 142.6729, 0.3755,
0.3724

 1.8336, 0.5482,
0.4518

178.0230, 0.3711,
0.3696

 0.5080, 0.5980,
0.4020

218.7772, 0.3672,

 0.0000, 0.0000,

0.3670

0.0000

265.3200, 0.3638,
0.3648

■ 33.5310, 0.4135,
0.3956

■ 33.5310, 0.4135,
0.3956

■ 30.4077, 0.4396,
0.4070

■ 36.9809, 0.3888,
0.3825

■ 27.5941, 0.4661,
0.4155

■ 40.7637, 0.3662,
0.3686

■ 25.0788, 0.4916,
0.4199

■ 44.8916, 0.3459,
0.3547

■ 22.8471, 0.5146,
0.4192

■ 49.3745, 0.3278,
0.3412

■ 20.8767, 0.5342,
0.4136

■ 54.2218, 0.3120,
0.3284

■ 20.7822, 0.5351,
0.4133

■ 59.4426, 0.2981,
0.3164

■ 65.0457, 0.2859,
0.3054

■ 71.0393, 0.2753,
0.2952

■ 76.2435, 0.2752,
0.3038

Harmonies

Analogous

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



33.5310, 0.4199, 0.3553



33.5310, 0.4135, 0.3956



33.5310, 0.3791, 0.4233

Triad

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



33.5310, 0.4135, 0.3956



33.5310, 0.2358, 0.3385



33.5310, 0.2895, 0.2513

Complementary

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



33.5310, 0.4135, 0.3956



26.4516, 0.2334, 0.2494

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.



33.5310, 0.2449, 0.2431



33.5310, 0.4135, 0.3956



33.5310, 0.2162, 0.2878

Square

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



33.5310, 0.4135, 0.3956



33.5310, 0.2761, 0.3920



33.5310, 0.2195, 0.2547



33.5310, 0.3446, 0.2761

Rectangle

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



33.5310, 0.4135, 0.3956



33.5310, 0.3463, 0.4278



33.5310, 0.2195, 0.2547



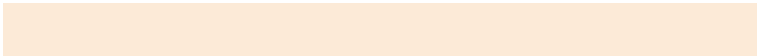
33.5310, 0.2729, 0.2465

Sweetspot

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



33.5326, 0.4135, 0.3956



84.6787, 0.3379, 0.3489



22.2355, 0.3813, 0.2676



18.1670, 0.3419, 0.3518



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.



33.5326, 0.4135, 0.3956



54.8345, 0.4408, 0.4075



50.7406, 0.3831, 0.4484



10.9259, 0.3276, 0.3410



13.8245, 0.5332, 0.4148



0.7347, 0.5012, 0.4402

Inverse Universe

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



26.4516, 0.2334, 0.2494



40.5956, 0.2175, 0.2287



15.3192, 0.2205, 0.1748



10.5268, 0.2984, 0.3167



7.8711, 0.1758, 0.1528



0.4781, 0.1874, 0.1946

Previews

White Background



This preview shows how the Yxy color 33.5310, 0.4135, 0.3956 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 33.5310, 0.4135, 0.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

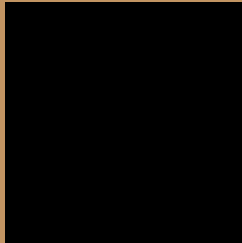
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5310, 0.4135, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 33.5310, 0.4135, 0.3956.



This preview shows how white text looks on a background with the Yxy color 33.5310, 0.4135, 0.3956.

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

33.5310, 0.4135, 0.3956

Protanopia

33.7115, 0.3801, 0.4107

Deuteranopia

33.6417, 0.4078, 0.3994



Tritanopia

33.4589, 0.3644, 0.3147

Trichromacy



Original Color

33.5310, 0.4135, 0.3956

Protanomaly

33.6150, 0.3914, 0.4055

Deuteranomaly

33.4531, 0.4095, 0.3978

Tritanomaly

33.4828, 0.3832, 0.3453

Monochromacy



Original Color

33.5310, 0.4135, 0.3956

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.0778, 0.3477, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5310, 0.4135, 0.3956 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, 148, 98)` looks like.

```
.text, #text, p{  
    color:rgb(194, 148, 98)  
}
```

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, 148, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 148, 98) }
```

Border

The CSS property to change the border of an element to Yxy 33.5310, 0.4135, 0.3956 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, 148, 98) }
```

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

```
.border{ border-color:rgb(194, 148, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 148, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 148, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 148, 98);  
box-shadow:4px 4px 4px 4px rgb(194, 148,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5310, 0.4135, 0.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 148, 98) }
```

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

```
.background{ background-color: rgb(194,  
148, 98) }
```

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