

Converting Colors

$Yxy(34.5269, 0.3856, 0.3656)$

Have a look what the booklet for
Yxy(34.5269, 0.3856, 0.3656)
contains.

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Color

Yxy(34.5802, 0.3858, 0.3658)

Conversions

Conversions Part 1

Format	Color
Hex	C1967B
RGB	193, 150, 123
RGB Percent	76%, 59%, 48%
CMY	0.2432, 0.4117, 0.5178
CMYK	0.00, 0.22, 0.36, 0.24
HSL	23°, 36%, 62%
HSV	23°, 36%, 76%
XYZ	36.4709, 34.5802, 23.4820
YIQ	159.7790, 34.2950, 0.7190

Conversions

Conversions Part 2

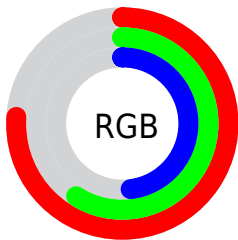
Format	Color
RYB	193, 167, 123
Decimal	12686971
CIELab	65.42, 12.38, 20.44
CIELCh	65, 23.901, 58.794
Yxy	34.5802, 0.3858, 0.3658
Android (android.graphics.Color)	4290877051 (0xFFC1967B)
YUV	159.7790, -18.1320, 29.1348
Hunter-Lab	58.8049, 7.7972, 17.4877

Details

The Yxy color **34.5802, 0.3858, 0.3658** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.3147, 0.2568, 0.2887**, and the grayscale version is **35.1197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8296, 0.3714, 0.3586**, and **14.8214, 0.4097, 0.3753** is the 20% darker color. If you saturate the color by 10%, you get **30.5532, 0.4132, 0.3759**, and if you desaturate by 10%, it is **39.0880, 0.3616, 0.3553**.

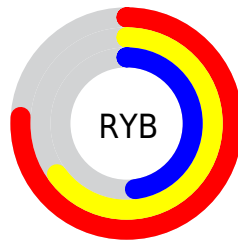
Distribution



Red (76%)

Green (59%)

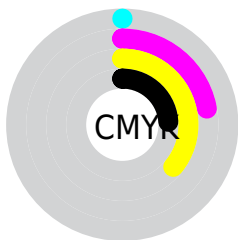
Blue (48%)



Red (76%)

Yellow (65%)

Blue (48%)

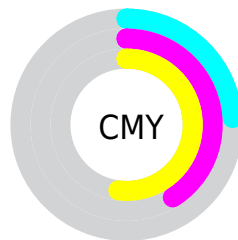


Cyan (0%)

Magenta (22%)

Yellow (36%)

Black (24%)



Cyan (24%)


Magenta (41%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5802, 0.3858, 0.3658 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 34.5802, 0.3858, 0.3658 by changing the saturation by 10% instead.


 34.5802, 0.3858,
0.3658


 34.5802, 0.3858,
0.3658


322.7115, 0.3472,
0.3476


 23.3397, 0.3960,
0.3702


 66.8349, 0.3713,
0.3593

 14.8445, 0.4095,
0.3756


 88.6179, 0.3660,
0.3568

 8.7103, 0.4279,
0.3824


 114.6838, 0.3616,
0.3547

 4.5527, 0.4543,
0.3909

145.4171, 0.3578,
0.3528

 1.9873, 0.5040,
0.4078

181.2021, 0.3546,
0.3513

 0.6001, 0.5926,
0.4074

222.4232, 0.3518,

 0.0000, 0.0000,

0.3499

0.0000

269.4649, 0.3494,
0.3486

■ 34.5802, 0.3858,
0.3658

■ 34.5802, 0.3858,
0.3658

■ 30.5532, 0.4132,
0.3759

■ 39.0880, 0.3616,
0.3553

■ 26.9852, 0.4436,
0.3848

■ 44.0878, 0.3407,
0.3449

■ 23.8598, 0.4760,
0.3914

■ 49.5963, 0.3227,
0.3349

■ 21.1576, 0.5086,
0.3943

■ 55.6280, 0.3073,
0.3256

■ 18.8571, 0.5392,
0.3925

■ 62.1968, 0.2941,
0.3170

■ 16.9339, 0.5651,
0.3856

■ 69.3161, 0.2828,
0.3091

■ 16.3041, 0.5740,
0.3824

■ 76.7995, 0.2747,
0.3051

■ 83.7316, 0.2758,
0.3180

■ 90.0764, 0.2768,
0.3289

Harmonies

Analogous

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



34.5802, 0.3804, 0.3363



34.5802, 0.3858, 0.3658



34.5802, 0.3705, 0.3881

Triad

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



34.5802, 0.3858, 0.3658



34.5802, 0.2702, 0.3513



34.5802, 0.2830, 0.2703

Complementary

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



34.5802, 0.3858, 0.3658



35.3147, 0.2568, 0.2887

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.



34.5802, 0.2564, 0.2709



34.5802, 0.3858, 0.3658



34.5802, 0.2493, 0.3155

Square

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



34.5802, 0.3858, 0.3658



34.5802, 0.3031, 0.3818



34.5802, 0.2445, 0.2865



34.5802, 0.3191, 0.2833

Rectangle

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



34.5802, 0.3858, 0.3658



34.5802, 0.3512, 0.3950



34.5802, 0.2445, 0.2865



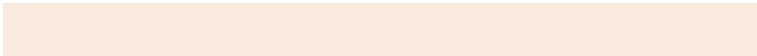
34.5802, 0.2728, 0.2689

Sweetspot

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



34.5818, 0.3858, 0.3658



83.8939, 0.3311, 0.3397



28.2543, 0.3461, 0.2719



17.7107, 0.3336, 0.3411



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.



34.5818, 0.3858, 0.3658



55.8186, 0.4086, 0.3744



47.3897, 0.3700, 0.4089



10.7014, 0.3279, 0.3379



10.9897, 0.5717, 0.3842



0.6086, 0.5302, 0.4172

Inverse Universe

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



35.3147, 0.2568, 0.2887



57.3060, 0.2443, 0.2775



24.3296, 0.2492, 0.2339



10.7541, 0.2984, 0.3199



11.4119, 0.1885, 0.1987



0.6234, 0.1975, 0.2310

Previews

White Background



This preview shows how the Yxy color 34.5802, 0.3858, 0.3658 looks on a white background.

Color Contrast Check

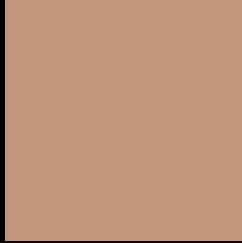
Large Text (above 18pt) WCAG AA × Fail

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 34.5802, 0.3858, 0.3658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

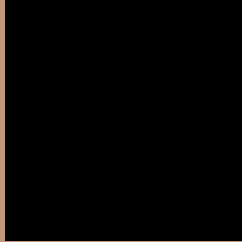
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5802, 0.3858, 0.3658

Background



This preview shows how black text looks on a background with the Yxy color 34.5802, 0.3858, 0.3658.



This preview shows how white text looks on a background with the Yxy color 34.5802, 0.3858, 0.3658.

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

34.5802, 0.3858, 0.3658

Protanopia

34.7636, 0.3526, 0.3761

Deuteranopia

34.7524, 0.3790, 0.3721



Tritanopia

34.4209, 0.3547, 0.3132

Trichromacy



Original Color

34.5802, 0.3858, 0.3658

Protanomaly

34.7483, 0.3641, 0.3720

Deuteranomaly

34.6804, 0.3816, 0.3704

Tritanomaly

34.5139, 0.3658, 0.3318

Monochromacy



Original Color

34.5802, 0.3858, 0.3658

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6542, 0.3372, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5802, 0.3858, 0.3658 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, 150, 123)` looks like.

```
.text, #text, p{  
    color:rgb(193, 150, 123)  
}
```

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, 150, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 150, 123) }
```

Border

The CSS property to change the border of an element to Yxy 34.5802, 0.3858, 0.3658 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, 150, 123) }
```

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

```
.border{ border-color:rgb(193, 150, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 150, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 150, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 150, 123);  
box-shadow:4px 4px 4px 4px rgb(193, 150,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5802, 0.3858, 0.3658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 150, 123) }
```

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

```
.background{ background-color: rgb(193,  
150, 123) }
```

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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