

Converting Colors

$Yxy(34.6606, 0.3959, 0.3731)$

Have a look what the booklet for
Yxy(34.6606, 0.3959, 0.3731)
contains.

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Color

Yxy(34.5150, 0.3957, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	C49575
RGB	196, 149, 117
RGB Percent	77%, 58%, 46%
CMY	0.2316, 0.4156, 0.5412
CMYK	0.00, 0.24, 0.40, 0.23
HSL	24°, 40%, 61%
HSV	24°, 40%, 77%
XYZ	36.7139, 34.5150, 21.5533
YIQ	159.4050, 38.2840, 0.0120

Conversions

Conversions Part 2

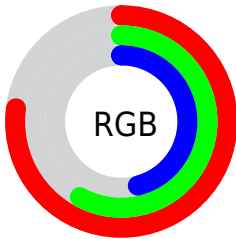
Format	Color
R_{YB}	196, 171, 117
Decimal	12883317
CIE _{Lab}	65.37, 13.41, 23.73
CIE _{LCh}	65, 27.259, 60.532
Yxy	34.5150, 0.3957, 0.3720
Android (android.graphics.Color)	4291073397 (0xFFC49575)
YUV	159.4050, -20.9057, 32.0938
Hunter-Lab	58.7495, 8.7373, 19.3730

Details

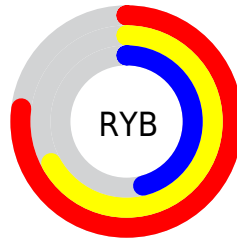
The Yxy color **34.5150, 0.3957, 0.3720** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.2868, 0.2504, 0.2809**, and the grayscale version is **34.9501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6473, 0.3796, 0.3646**, and **14.7282, 0.4224, 0.3834** is the 20% darker color. If you saturate the color by 10%, you get **30.5995, 0.4238, 0.3822**, and if you desaturate by 10%, it is **38.8988, 0.3706, 0.3610**.

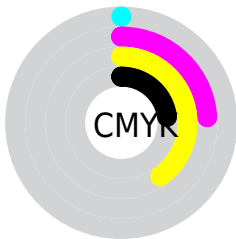
Distribution



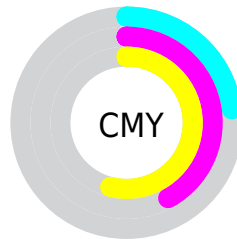
- Red (77%)
- Green (58%)
- Blue (46%)



- Red (77%)
- Yellow (67%)
- Blue (46%)



- Cyan (0%)
- Magenta (24%)
- Yellow (40%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5150, 0.3957, 0.3720 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 34.5150, 0.3957, 0.3720 by changing the saturation by 10% instead.


 34.5150, 0.3957,
0.3720


 34.5150, 0.3957,
0.3720


322.4224, 0.3520,
0.3509


 23.2895, 0.4072,
0.3770


 66.7337, 0.3793,
0.3645

 14.8074, 0.4223,
0.3830


 88.4958, 0.3733,
0.3616

 8.6843, 0.4427,
0.3905


 114.5388, 0.3683,
0.3592

 4.5359, 0.4716,
0.3992

145.2472, 0.3640,
0.3570

 1.9776, 0.5348,
0.4237

181.0054, 0.3604,
0.3552

 0.5944, 0.6005,
0.3995

222.1977, 0.3572,

 0.0000, 0.0000,

0.3536

0.0000

269.2085, 0.3544,
0.3521

■ 34.5150, 0.3957,
0.3720

■ 34.5150, 0.3957,
0.3720

■ 30.5995, 0.4238,
0.3822

■ 38.8988, 0.3706,
0.3610

■ 27.1305, 0.4544,
0.3908

■ 43.7619, 0.3486,
0.3500

■ 24.0917, 0.4863,
0.3965


■ 49.1208, 0.3295,
0.3394


■ 21.4634, 0.5175,
0.3980

■ 54.9900, 0.3132,
0.3293

■ 19.2241, 0.5456,
0.3944


■ 61.3831, 0.2991,
0.3199

 17.3935, 0.5687,
0.3866

 68.3133, 0.2871,
0.3113

 75.7933, 0.2767,
0.3034

 82.5679, 0.2773,
0.3153

 89.7299, 0.2782,
0.3277

Harmonies

Analogous

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



34.5150, 0.3911, 0.3388



34.5150, 0.3957, 0.3720



34.5150, 0.3767, 0.3972

Triad

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



34.5150, 0.3957, 0.3720



34.5150, 0.2625, 0.3521



34.5150, 0.2810, 0.2632

Complementary

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



34.5150, 0.3957, 0.3720



34.2868, 0.2504, 0.2809

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.



34.5150, 0.2502, 0.2627



34.5150, 0.3957, 0.3720



34.5150, 0.2401, 0.3109

Square

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



34.5150, 0.3957, 0.3720



34.5150, 0.2990, 0.3882



34.5150, 0.2358, 0.2789



34.5150, 0.3223, 0.2787

Rectangle

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



34.5150, 0.3957, 0.3720



34.5150, 0.3541, 0.4047



34.5150, 0.2358, 0.2789



34.5150, 0.2691, 0.2612

Sweetspot

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



34.5166, 0.3957, 0.3720



87.1243, 0.3329, 0.3413



27.1437, 0.3527, 0.2671



18.3660, 0.3354, 0.3427



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.



34.5166, 0.3957, 0.3720



56.5034, 0.4193, 0.3807



49.0049, 0.3759, 0.4191



10.7338, 0.3279, 0.3384



11.3414, 0.5663, 0.3886



0.6253, 0.5259, 0.4206

Inverse Universe

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



34.2868, 0.2504, 0.2809



56.0013, 0.2379, 0.2687



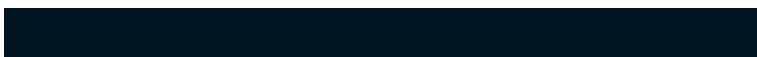
22.4033, 0.2407, 0.2191



10.7208, 0.2984, 0.3194



10.8313, 0.1866, 0.1918



0.6005, 0.1960, 0.2257

Previews

White Background



This preview shows how the Yxy color 34.5150, 0.3957, 0.3720 looks on a white background.

Color Contrast Check

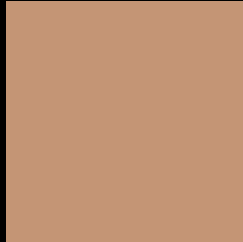
Large Text (above 18pt) WCAG AA × Fail

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 34.5150, 0.3957, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

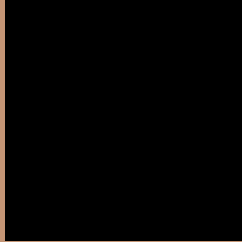
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5150, 0.3957, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 34.5150, 0.3957, 0.3720.



This preview shows how white text looks on a background with the Yxy color 34.5150, 0.3957, 0.3720.

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

34.5150, 0.3957, 0.3720

Protanopia

34.7228, 0.3594, 0.3848

Deuteranopia

34.4088, 0.3866, 0.3788



Tritanopia

34.5924, 0.3613, 0.3148

Trichromacy



Original Color

34.5150, 0.3957, 0.3720

Protanomaly

34.3825, 0.3715, 0.3790

Deuteranomaly

34.4705, 0.3903, 0.3769

Tritanomaly

34.6230, 0.3747, 0.3358

Monochromacy



Original Color

34.5150, 0.3957, 0.3720

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.2270, 0.3404, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5150, 0.3957, 0.3720 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(196, 149, 117)` looks like.

```
.text, #text, p{  
    color:rgb(196, 149, 117)  
}
```

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(196, 149, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 149, 117) }
```

Border

The CSS property to change the border of an element to Yxy 34.5150, 0.3957, 0.3720 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(196, 149, 117) }
```

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

```
.border{ border-color:rgb(196, 149, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 149, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 149, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 149, 117); box-shadow:4px 4px 4px 4px rgb(196, 149, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5150, 0.3957, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 149, 117) }
```

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

```
.background{ background-color: rgb(196,  
149, 117) }
```

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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