

Converting Colors

$Yxy(36.0426, 0.3932, 0.3531)$

Have a look what the booklet for
Yxy(36.0426, 0.3932, 0.3531)
contains.

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Color

Yxy(35.9133, 0.3932, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	CE9482
RGB	206, 148, 130
RGB Percent	81%, 58%, 51%
CMY	0.1921, 0.4196, 0.4903
CMYK	0.00, 0.28, 0.37, 0.19
HSL	14°, 44%, 66%
HSV	14°, 37%, 81%
XYZ	40.0713, 35.9133, 25.9261
YIQ	163.2900, 40.3460, 6.6980

Conversions

Conversions Part 2

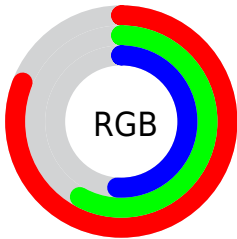
Format	Color
R _Y B	206, 154, 130
Decimal	13538434
CIE Lab	66.45, 19.51, 18.20
CIE LCh	66, 26.683, 43.005
Yxy	35.9133, 0.3932, 0.3524
Android (android.graphics.Color)	4291728514 (0xFFCE9482)
YUV	163.2900, -16.4120, 37.4567
Hunter-Lab	59.9277, 14.4823, 16.2992

Details

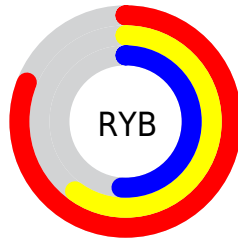
The Yxy color **35.9133, 0.3932, 0.3524** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1484, 0.2579, 0.3039**, and the grayscale version is **36.8347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9200, 0.3697, 0.3489**, and **15.6275, 0.4187, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **30.8169, 0.4250, 0.3586**, and if you desaturate by 10%, it is **41.7930, 0.3660, 0.3458**.

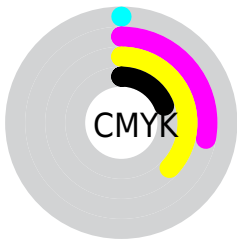
Distribution



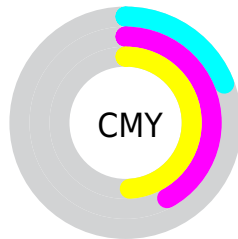
- Red (81%)
- Green (58%)
- Blue (51%)



- Red (81%)
- Yellow (60%)
- Blue (51%)



- Cyan (0%)
- Magenta (28%)
- Yellow (37%)
- Black (19%)





- Cyan (19%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9133, 0.3932, 0.3524 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 35.9133, 0.3932, 0.3524 by changing the saturation by 10% instead.


 35.9133, 0.3932,
0.3524


 35.9133, 0.3932,
0.3524


328.5814, 0.3508,
0.3415

 24.3672, 0.4044,
0.3547


 68.8982, 0.3773,
0.3487

 15.6063, 0.4192,
0.3575


 91.1059, 0.3715,
0.3472

 9.2460, 0.4393,
0.3606


 117.6362, 0.3666,
0.3459

 4.9020, 0.4684,
0.3636

148.8736, 0.3625,
0.3448

 2.1899, 0.5149,
0.3662

185.2024, 0.3590,
0.3438

 0.7145, 0.6260,
0.3740

227.0070, 0.3559,

 0.0000, 1.0000,

0.3430

0.0000

274.6719, 0.3532,
0.3422

0.0000, 0.0000,
0.0000

35.9133, 0.3932,
0.3524

35.9133, 0.3932,
0.3524

30.8169, 0.4250,
0.3586

41.7930, 0.3660,
0.3458

26.4652, 0.4612,
0.3637

48.4821, 0.3431,
0.3393

22.8239, 0.5005,
0.3668

56.0120, 0.3240,
0.3331

19.8541, 0.5401,
0.3668

64.4108, 0.3081,
0.3273

17.5126, 0.5761,
0.3628

73.7052, 0.2949,
0.3219

■ 15.7499, 0.6041,
0.3551

■ 83.9208, 0.2838,
0.3171

■ 15.3090, 0.6115,
0.3526

■ 91.8621, 0.2838,
0.3289

Harmonies

Analogous

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



35.9133, 0.3751, 0.3194



35.9133, 0.3932, 0.3524



35.9133, 0.3878, 0.3823

Triad

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



35.9133, 0.3932, 0.3524



35.9133, 0.2837, 0.3732



35.9133, 0.2629, 0.2630

Complementary

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



35.9133, 0.3932, 0.3524



45.1484, 0.2579, 0.3039

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.



35.9133, 0.2419, 0.2720



35.9133, 0.3932, 0.3524



35.9133, 0.2531, 0.3345

Square

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



35.9133, 0.3932, 0.3524



35.9133, 0.3233, 0.3982



35.9133, 0.2384, 0.2972



35.9133, 0.2979, 0.2699

Rectangle

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



35.9133, 0.3932, 0.3524



35.9133, 0.3722, 0.3963



35.9133, 0.2384, 0.2972



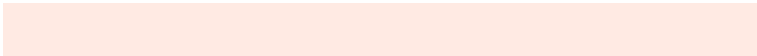
35.9133, 0.2541, 0.2642

Sweetspot

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



35.9150, 0.3932, 0.3524



85.4248, 0.3317, 0.3356



32.7200, 0.3348, 0.2575



17.9257, 0.3343, 0.3365



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.



35.9150, 0.3932, 0.3524



51.7711, 0.4171, 0.3572



49.7352, 0.3760, 0.3980



11.6387, 0.3284, 0.3346



9.5529, 0.6091, 0.3546



0.6139, 0.5699, 0.3857

Inverse Universe

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



45.1484, 0.2579, 0.3039



68.7357, 0.2478, 0.2978



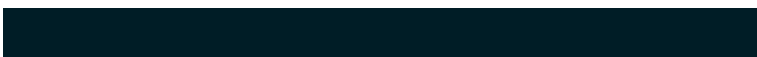
31.0891, 0.2500, 0.2485



12.2582, 0.2983, 0.3234



17.7731, 0.2031, 0.2511



1.0288, 0.2078, 0.2681

Previews

White Background



This preview shows how the Yxy color 35.9133, 0.3932, 0.3524 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 35.9133, 0.3932, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

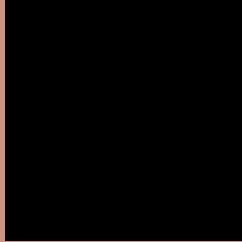
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9133, 0.3932, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 35.9133, 0.3932, 0.3524.



This preview shows how white text looks on a background with the Yxy color 35.9133, 0.3932, 0.3524.

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

35.9133, 0.3932, 0.3524

Protanopia

36.2762, 0.3453, 0.3667

Deuteranopia

35.8465, 0.3731, 0.3648



Tritanopia

35.7230, 0.3698, 0.3152

Trichromacy



Original Color

35.9133, 0.3932, 0.3524

Protanomaly

36.0255, 0.3622, 0.3611

Deuteranomaly

35.6436, 0.3808, 0.3600

Tritanomaly

35.5915, 0.3782, 0.3279

Monochromacy



Original Color

35.9133, 0.3932, 0.3524

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.2718, 0.3401, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9133, 0.3932, 0.3524 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(206, 148, 130)` looks like.

```
.text, #text, p{  
    color:rgb(206, 148, 130)  
}
```

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(206, 148, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 148, 130) }
```

Border

The CSS property to change the border of an element to Yxy 35.9133, 0.3932, 0.3524 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(206, 148, 130) }
```

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

```
.border{ border-color:rgb(206, 148, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 148, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 148, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 148, 130);  
box-shadow:4px 4px 4px 4px rgb(206, 148,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9133, 0.3932, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 148, 130) }
```

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

```
.background{ background-color: rgb(206,  
148, 130) }
```

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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