

Converting Colors

$Yxy(34.5666, 0.3965, 0.3543)$

Have a look what the booklet for
Yxy(34.5666, 0.3965, 0.3543)
contains.

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Color

Yxy(34.5945, 0.3968, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	CC917E
RGB	204, 145, 126
RGB Percent	80%, 57%, 49%
CMY	0.2001, 0.4313, 0.5059
CMYK	0.00, 0.29, 0.38, 0.20
HSL	15°, 43%, 65%
HSV	15°, 38%, 80%
XYZ	38.7881, 34.5945, 24.3696
YIQ	160.4750, 41.2630, 6.5990

Conversions

Conversions Part 2

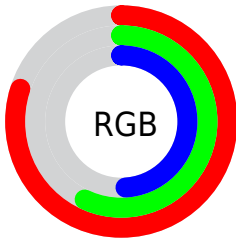
Format	Color
RYB	204, 151, 126
Decimal	13406590
CIELab	65.43, 19.87, 18.97
CIElCh	65, 27.473, 43.668
Yxy	34.5945, 0.3968, 0.3539
Android (android.graphics.Color)	4291596670 (0xFFCC917E)
YUV	160.4750, -16.9962, 38.1714
Hunter-Lab	58.8171, 14.7854, 16.6064

Details

The Yxy color **34.5945, 0.3968, 0.3539** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4729, 0.2561, 0.3022**, and the grayscale version is **35.4508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3615, 0.3738, 0.3500**, and **14.8371, 0.4245, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **29.7239, 0.4290, 0.3602**, and if you desaturate by 10%, it is **40.2157, 0.3691, 0.3472**.

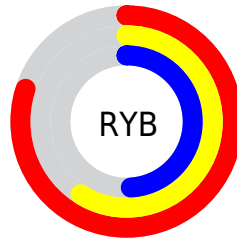
Distribution



Red (80%)

Green (57%)

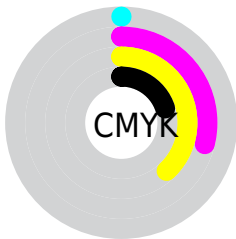
Blue (49%)



Red (80%)

Yellow (59%)

Blue (49%)

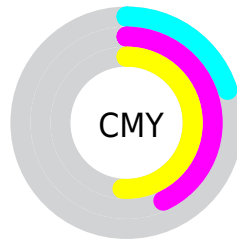


Cyan (0%)

Magenta (29%)

Yellow (38%)

Black (20%)



Cyan (20%)

Magenta (43%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5945, 0.3968, 0.3539 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 34.5945, 0.3968, 0.3539 by changing the saturation by 10% instead.

 34.5945, 0.3968,
0.3539


 34.5945, 0.3968,
0.3539


322.7748, 0.3523,
0.3423


 23.3507, 0.4087,
0.3564


 66.8571, 0.3801,
0.3499

 14.8527, 0.4243,
0.3593


 88.6447, 0.3739,
0.3484

 8.7160, 0.4458,
0.3625


 114.7156, 0.3688,
0.3470

 4.5564, 0.4768,
0.3655

145.4544, 0.3645,
0.3458

 1.9894, 0.5305,
0.3702

181.2452, 0.3608,
0.3448

 0.6013, 0.6414,
0.3586

222.4727, 0.3576,

 0.0000, 1.0000,

0.3438

0.0000

269.5211, 0.3548,
0.3430

0.0000, 0.0000,
0.0000

34.5945, 0.3968,
0.3539

34.5945, 0.3968,
0.3539

29.7239, 0.4290,
0.3602

40.2157, 0.3691,
0.3472

25.5666, 0.4654,
0.3652

46.6125, 0.3458,
0.3404

22.0898, 0.5046,
0.3681

53.8152, 0.3263,
0.3340

19.2558, 0.5437,
0.3677

61.8508, 0.3101,
0.3280

17.0229, 0.5787,
0.3632

70.7450, 0.2965,
0.3224

■ 15.3413, 0.6058,
0.3552

■ 80.5223, 0.2851,
0.3174

■ 15.0944, 0.6100,
0.3538

■ 90.2870, 0.2826,
0.3268

■ 91.5741, 0.2827,
0.3289

Harmonies

Analogous

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



34.5945, 0.3785, 0.3196



34.5945, 0.3968, 0.3539



34.5945, 0.3905, 0.3849

Triad

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



34.5945, 0.3968, 0.3539



34.5945, 0.2816, 0.3744



34.5945, 0.2615, 0.2604

Complementary

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



34.5945, 0.3968, 0.3539



43.4729, 0.2561, 0.3022

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.



34.5945, 0.2394, 0.2693



34.5945, 0.3968, 0.3539



34.5945, 0.2502, 0.3337

Square

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



34.5945, 0.3968, 0.3539



34.5945, 0.3227, 0.4011



34.5945, 0.2354, 0.2949



34.5945, 0.2982, 0.2679

Rectangle

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



34.5945, 0.3968, 0.3539



34.5945, 0.3740, 0.3994



34.5945, 0.2354, 0.2949



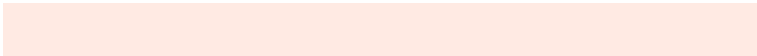
34.5945, 0.2523, 0.2615

Sweetspot

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



34.5962, 0.3968, 0.3539



85.5306, 0.3316, 0.3358



31.2904, 0.3358, 0.2550



17.9507, 0.3342, 0.3367



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.



34.5962, 0.3968, 0.3539



50.4724, 0.4235, 0.3592



48.2822, 0.3785, 0.4005



11.6507, 0.3284, 0.3347



9.6267, 0.6077, 0.3557



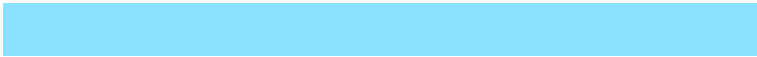
0.6194, 0.5684, 0.3869

Inverse Universe

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



43.4729, 0.2561, 0.3022



67.2016, 0.2451, 0.2952



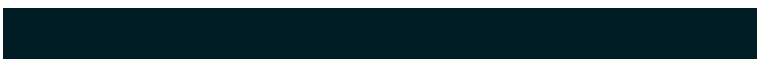
29.5960, 0.2476, 0.2451



12.2453, 0.2983, 0.3232



17.4923, 0.2025, 0.2488



1.0164, 0.2073, 0.2663

Previews

White Background



This preview shows how the Yxy color 34.5945, 0.3968, 0.3539 looks on a white background.

Color Contrast Check

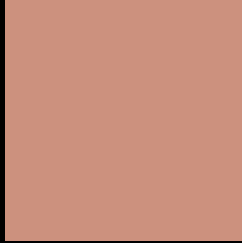
Large Text (above 18pt) WCAG AA × Fail

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 34.5945, 0.3968, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

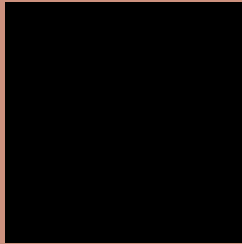
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5945, 0.3968, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 34.5945, 0.3968, 0.3539.



This preview shows how white text looks on a background with the Yxy color 34.5945, 0.3968, 0.3539.

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

34.5945, 0.3968, 0.3539

Protanopia

34.8146, 0.3459, 0.3673

Deuteranopia

34.7022, 0.3749, 0.3681



Tritanopia

34.4386, 0.3719, 0.3151

Trichromacy



Original Color

34.5945, 0.3968, 0.3539

Protanomaly

34.5467, 0.3641, 0.3631

Deuteranomaly

34.6308, 0.3837, 0.3631

Tritanomaly

34.3083, 0.3805, 0.3279

Monochromacy



Original Color

34.5945, 0.3968, 0.3539

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.8109, 0.3406, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5945, 0.3968, 0.3539 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(204, 145, 126)` looks like.

```
.text, #text, p{  
    color:rgb(204, 145, 126)  
}
```

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(204, 145, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 145, 126) }
```

Border

The CSS property to change the border of an element to Yxy 34.5945, 0.3968, 0.3539 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(204, 145, 126) }
```

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

```
.border{ border-color:rgb(204, 145, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 145, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 145, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 145, 126); box-shadow:4px 4px 4px 4px rgb(204, 145, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5945, 0.3968, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 145, 126) }
```

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

```
.background{ background-color: rgb(204,  
145, 126) }
```

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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