

Converting Colors

$Yxy(34.5795, 0.4036, 0.3482)$

Have a look what the booklet for
Yxy(34.5795, 0.4036, 0.3482)
contains.

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Color

Yxy(34.5799, 0.4036, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	D28E7F
RGB	210, 142, 127
RGB Percent	82%, 56%, 50%
CMY	0.1765, 0.4431, 0.5019
CMYK	0.00, 0.32, 0.40, 0.18
HSL	11°, 48%, 66%
HSV	11°, 40%, 82%
XYZ	40.0817, 34.5799, 24.6489
YIQ	160.6220, 45.3430, 9.7510

Conversions

Conversions Part 2

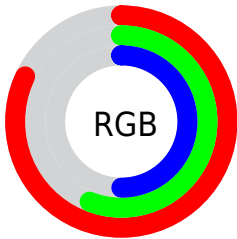
Format	Color
R _Y B	210, 145, 127
Decimal	13799039
CIE Lab	65.42, 24.00, 18.49
CIE LCh	65, 30.295, 37.608
Yxy	34.5799, 0.4036, 0.3482
Android (android.graphics.Color)	4291989119 (0xFFD28E7F)
YUV	160.6220, -16.5756, 43.3045
Hunter-Lab	58.8047, 18.7587, 16.3110

Details

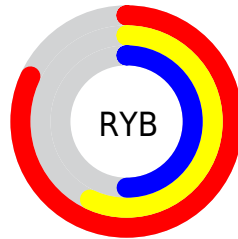
The Yxy color **34.5799, 0.4036, 0.3482** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.2014, 0.2554, 0.3084**, and the grayscale version is **35.5202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0351, 0.3739, 0.3459**, and **14.8045, 0.4329, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **29.3583, 0.4384, 0.3527**, and if you desaturate by 10%, it is **40.7094, 0.3740, 0.3432**.

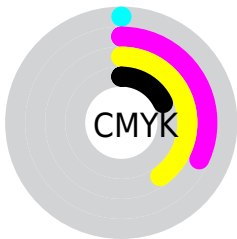
Distribution



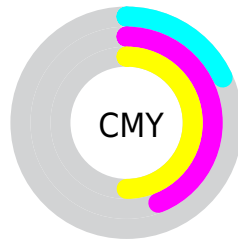
- Red (82%)
- Green (56%)
- Blue (50%)



- Red (82%)
- Yellow (57%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (40%)
- Black (18%)




- Cyan (18%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5799, 0.4036, 0.3482 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 34.5799, 0.4036, 0.3482 by changing the saturation by 10% instead.

 34.5799, 0.4036,
0.3482


 34.5799, 0.4036,
0.3482


322.7101, 0.3554,
0.3398


 23.3394, 0.4164,
0.3498


 66.8345, 0.3855,
0.3455

 14.8444, 0.4334,
0.3514


 88.6173, 0.3789,
0.3444

 8.7102, 0.4566,
0.3529


 114.6832, 0.3733,
0.3434

 4.5527, 0.4902,
0.3533

145.4163, 0.3687,
0.3425

 1.9873, 0.5468,
0.3527

181.2012, 0.3647,
0.3417

 0.6001, 0.6661,
0.3339

222.4222, 0.3612,

 0.0000, 1.0000,

0.3410

0.0000

269.4637, 0.3581,
0.3403

0.0000, 0.0000,
0.0000

34.5799, 0.4036,
0.3482

34.5799, 0.4036,
0.3482

29.3583, 0.4384,
0.3527

40.7094, 0.3740,
0.3432

24.9962, 0.4778,
0.3561

47.7822, 0.3492,
0.3382

21.4485, 0.5199,
0.3575


55.8377, 0.3288,
0.3333


18.6637, 0.5611,
0.3561


64.9118, 0.3120,
0.3288


16.5841, 0.5961,
0.3514

75.0384, 0.2981,
0.3246

 15.1383, 0.6211,
0.3444

 86.2500, 0.2866,
0.3208

 15.0816, 0.6222,
0.3442

 92.4405, 0.2860,
0.3289

Harmonies

Analogous

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



34.5799, 0.3783, 0.3111



34.5799, 0.4036, 0.3482



34.5799, 0.4019, 0.3838

Triad

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



34.5799, 0.4036, 0.3482



34.5799, 0.2868, 0.3872



34.5799, 0.2502, 0.2544

Complementary

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



34.5799, 0.4036, 0.3482



48.2014, 0.2554, 0.3084

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.



34.5799, 0.2299, 0.2674



34.5799, 0.4036, 0.3482



34.5799, 0.2496, 0.3435

Square

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



34.5799, 0.4036, 0.3482



34.5799, 0.3327, 0.4118



34.5799, 0.2296, 0.2988



34.5799, 0.2875, 0.2593

Rectangle

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



34.5799, 0.4036, 0.3482



34.5799, 0.3864, 0.4022



34.5799, 0.2296, 0.2988



34.5799, 0.2413, 0.2567

Sweetspot

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



34.5816, 0.4036, 0.3482



83.2158, 0.3338, 0.3346



32.8787, 0.3310, 0.2465



17.4507, 0.3364, 0.3352



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.



34.5816, 0.4036, 0.3482



47.0573, 0.4311, 0.3519



48.8273, 0.3836, 0.3968



12.1486, 0.3286, 0.3333



9.3063, 0.6201, 0.3458



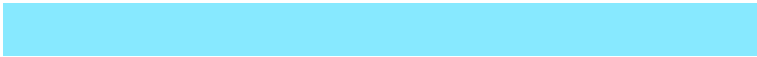
0.6273, 0.5862, 0.3727

Inverse Universe

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



48.2014, 0.2554, 0.3084



70.8638, 0.2455, 0.3036



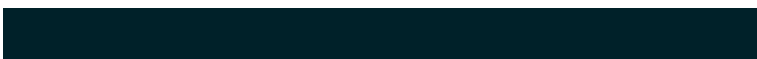
32.5033, 0.2464, 0.2498



13.0288, 0.2983, 0.3247



20.9891, 0.2085, 0.2706



1.2706, 0.2118, 0.2825

Previews

White Background



This preview shows how the Yxy color 34.5799, 0.4036, 0.3482 looks on a white background.

Color Contrast Check

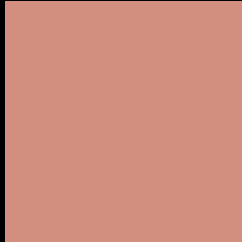
Large Text (above 18pt) WCAG AA × Fail

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 34.5799, 0.4036, 0.3482 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 34.5799, 0.4036, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 34.5799, 0.4036, 0.3482.



This preview shows how white text looks on a background with the Yxy color 34.5799, 0.4036, 0.3482.

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

34.5799, 0.4036, 0.3482

Protanopia

34.8704, 0.3440, 0.3643

Deuteranopia

34.7022, 0.3749, 0.3681



Tritanopia

34.6322, 0.3823, 0.3167

Trichromacy



Original Color

34.5799, 0.4036, 0.3482

Protanomaly

34.5157, 0.3645, 0.3586

Deuteranomaly

34.6034, 0.3853, 0.3601

Tritanomaly

34.5281, 0.3899, 0.3280

Monochromacy



Original Color

34.5799, 0.4036, 0.3482

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.8648, 0.3429, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5799, 0.4036, 0.3482 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(210, 142, 127)` looks like.

```
.text, #text, p{  
    color:rgb(210, 142, 127)  
}
```

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(210, 142, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 142, 127) }
```

Border

The CSS property to change the border of an element to Yxy 34.5799, 0.4036, 0.3482 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(210, 142, 127) }
```

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

```
.border{ border-color:rgb(210, 142, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 142, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 142, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 142, 127);  
box-shadow:4px 4px 4px 4px rgb(210, 142,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5799, 0.4036, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 142, 127) }
```

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

```
.background{ background-color: rgb(210,  
142, 127) }
```

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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