

Converting Colors

$Yxy(34.1734, 0.3752, 0.3479)$

Have a look what the booklet for
Yxy(34.1734, 0.3752, 0.3479)
contains.

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Color

Yxy(34.2385, 0.3751, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	C19486
RGB	193, 148, 134
RGB Percent	76%, 58%, 53%
CMY	0.2431, 0.4196, 0.4746
CMYK	0.00, 0.23, 0.31, 0.24
HSL	14°, 32%, 64%
HSV	14°, 31%, 76%
XYZ	36.8836, 34.2385, 27.2079
YIQ	159.8590, 31.3140, 5.1860

Conversions

Conversions Part 2

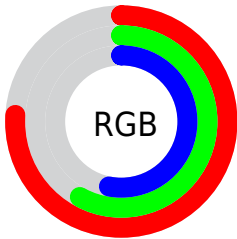
Format	Color
R _Y B	193, 152, 134
Decimal	12686470
CIE Lab	65.15, 14.91, 13.94
CIE LCh	65, 20.413, 43.085
Yxy	34.2385, 0.3751, 0.3482
Android (android.graphics.Color)	4290876550 (0xFFC19486)
YUV	159.8590, -12.7485, 29.0647
Hunter-Lab	58.5137, 10.1170, 13.3907

Details

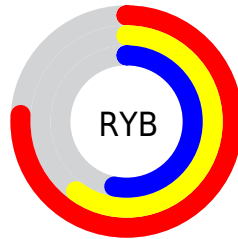
The Yxy color **34.2385, 0.3751, 0.3482** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.1416, 0.2670, 0.3088**, and the grayscale version is **35.1345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1529, 0.3625, 0.3449**, and **14.5928, 0.3961, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **29.4242, 0.4038, 0.3547**, and if you desaturate by 10%, it is **39.7408, 0.3508, 0.3416**.

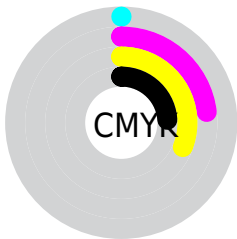
Distribution



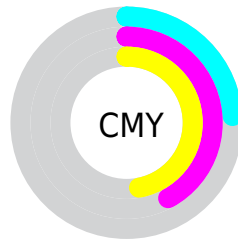
- Red (76%)
- Green (58%)
- Blue (53%)



- Red (76%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (31%)
- Black (24%)




- Cyan (24%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.2385, 0.3751, 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 34.2385, 0.3751, 0.3482 by changing the saturation by 10% instead.

 34.2385, 0.3751,
0.3482

 34.2385, 0.3751,
0.3482


321.1942, 0.3420,
0.3389


 23.0769, 0.3840,
0.3504


 66.3044, 0.3626,
0.3449

 14.6503, 0.3958,
0.3530


 87.9774, 0.3581,
0.3436

 8.5743, 0.4121,
0.3563


 113.9231, 0.3543,
0.3426

 4.4646, 0.4362,
0.3603

144.5257, 0.3511,
0.3416

 1.9367, 0.4752,
0.3645

180.1698, 0.3483,
0.3408

 0.5703, 0.6141,
0.3859

221.2396, 0.3459,

 0.0000, 0.0000,


0.3401

0.0000


268.1196, 0.3439,
0.3394


 34.2385, 0.3751,
0.3482

 34.2385, 0.3751,
0.3482


 29.4242, 0.4038,
0.3547


 39.7408, 0.3508,
0.3416


 25.2659, 0.4371,
0.3606


 45.9520, 0.3305,
0.3353

 21.7359, 0.4743,
0.3651

 52.8980, 0.3136,
0.3293

 18.8029, 0.5139,
0.3673


 60.6022, 0.2995,
0.3238

 16.4325, 0.5526,
0.3660

 69.0865, 0.2877,
0.3188

 14.5867, 0.5862,
0.3607

 78.3724, 0.2778,
0.3143

 13.2832, 0.6107,
0.3533

 87.5404, 0.2764,
0.3246

 90.0775, 0.2768,
0.3289

Harmonies

Analogous

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



34.2385, 0.3612, 0.3219



34.2385, 0.3751, 0.3482



34.2385, 0.3712, 0.3713

Triad

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



34.2385, 0.3751, 0.3482



34.2385, 0.2903, 0.3628



34.2385, 0.2738, 0.2770

Complementary

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



34.2385, 0.3751, 0.3482



41.1416, 0.2670, 0.3088

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.



34.2385, 0.2569, 0.2846



34.2385, 0.3751, 0.3482



34.2385, 0.2660, 0.3336

Square

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



34.2385, 0.3751, 0.3482



34.2385, 0.3214, 0.3820



34.2385, 0.2541, 0.3047



34.2385, 0.3016, 0.2822

Rectangle

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



34.2385, 0.3751, 0.3482



34.2385, 0.3593, 0.3816



34.2385, 0.2541, 0.3047



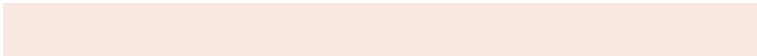
34.2385, 0.2667, 0.2780

Sweetspot

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



34.2401, 0.3751, 0.3482



84.0147, 0.3279, 0.3344



31.6435, 0.3301, 0.2701



17.6503, 0.3306, 0.3353



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.



34.2401, 0.3751, 0.3482



55.1653, 0.3947, 0.3528



44.6045, 0.3639, 0.3858



10.4581, 0.3283, 0.3345



8.9399, 0.6086, 0.3550



0.4969, 0.5639, 0.3905

Inverse Universe

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



41.1416, 0.2670, 0.3088



69.5468, 0.2572, 0.3035



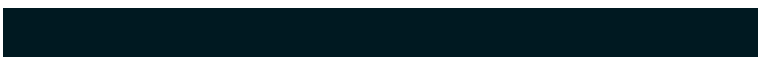
30.6371, 0.2620, 0.2648



11.0093, 0.2984, 0.3234



16.5903, 0.2031, 0.2511



0.8174, 0.2085, 0.2705

Previews

White Background



This preview shows how the Yxy color 34.2385, 0.3751, 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 34.2385, 0.3751, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

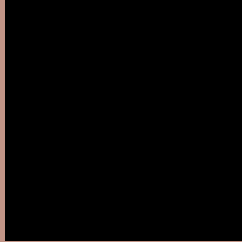
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2385, 0.3751, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 34.2385, 0.3751, 0.3482.



This preview shows how white text looks on a background with the Yxy color 34.2385, 0.3751, 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

34.2385, 0.3751, 0.3482

Protanopia

34.4248, 0.3383, 0.3571

Deuteranopia

34.2172, 0.3639, 0.3558



Tritanopia

34.2532, 0.3547, 0.3145

Trichromacy



Original Color

34.2385, 0.3751, 0.3482

Protanomaly

34.1475, 0.3517, 0.3535

Deuteranomaly

34.3915, 0.3685, 0.3541

Tritanomaly

34.1652, 0.3619, 0.3265

Monochromacy



Original Color

34.2385, 0.3751, 0.3482

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.7820, 0.3334, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2385, 0.3751, 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(193, 148, 134)` looks like.

```
.text, #text, p{  
    color:rgb(193, 148, 134)  
}
```

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, 148, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 148, 134) }
```

Border

The CSS property to change the border of an element to Yxy 34.2385, 0.3751, 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(193, 148, 134) }
```

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

```
.border{ border-color:rgb(193, 148, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 148, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 148, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 148, 134);  
box-shadow:4px 4px 4px 4px rgb(193, 148,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2385, 0.3751, 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(193, 148, 134) }
```

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

```
.background{ background-color: rgb(193,  
148, 134) }
```

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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