

Converting Colors

$Y_{xy}(34.9292, 0.3759, 0.3524)$

Have a look what the booklet for
Yxy(34.9292, 0.3759, 0.3524)
contains.

Yxy(34.8436, 0.3753, 0.3522)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.8436, 0.3753, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	C19685
RGB	193, 150, 133
RGB Percent	76%, 59%, 52%
CMY	0.2432, 0.4117, 0.4784
CMYK	0.00, 0.22, 0.31, 0.24
HSL	17°, 33%, 64%
HSV	17°, 31%, 76%
XYZ	37.1289, 34.8436, 26.9588
YIQ	160.9190, 31.0850, 3.8290

Conversions

Conversions Part 2

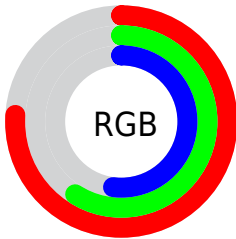
Format	Color
R_{YB}	193, 157, 133
Decimal	12686981
CIE _{Lab}	65.63, 13.67, 15.15
CIE _{LCh}	66, 20.403, 47.945
Yxy	34.8436, 0.3753, 0.3522
Android (android.graphics.Color)	4290877061 (0xFFC19685)
YUV	160.9190, -13.7641, 28.1350
Hunter-Lab	59.0285, 8.9767, 14.2417

Details

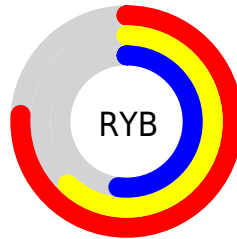
The Yxy color **34.8436, 0.3753, 0.3522** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.8754, 0.2658, 0.3044**, and the grayscale version is **35.6557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0549, 0.3627, 0.3481**, and **14.9515, 0.3962, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **30.2044, 0.4032, 0.3599**, and if you desaturate by 10%, it is **40.1047, 0.3515, 0.3444**.

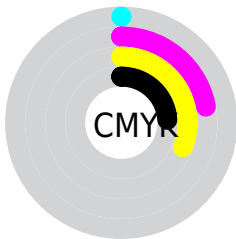
Distribution



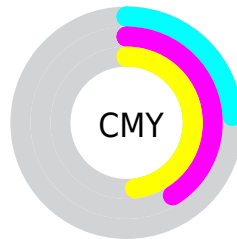
- Red (76%)
- Green (59%)
- Blue (52%)



- Red (76%)
- Yellow (62%)
- Blue (52%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8436, 0.3753, 0.3522 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 34.8436, 0.3753, 0.3522 by changing the saturation by 10% instead.


 34.8436, 0.3753,
0.3522


 34.8436, 0.3753,
0.3522


323.8775, 0.3422,
0.3408

 23.5424, 0.3841,
0.3549


 67.2434, 0.3628,
0.3481

 14.9945, 0.3958,
0.3583


 89.1108, 0.3583,
0.3466

 8.8156, 0.4120,
0.3625


 115.2691, 0.3545,
0.3453

 4.6211, 0.4356,
0.3677

146.1027, 0.3513,
0.3441

 2.0267, 0.4736,
0.3741

181.9959, 0.3485,
0.3431

 0.6229, 0.5985,
0.4015

223.3332, 0.3462,

 0.0000, 0.0000,

0.3423

0.0000

270.4989, 0.3441,
0.3415

■ 34.8436, 0.3753,
0.3522

■ 34.8436, 0.3753,
0.3522

■ 30.2044, 0.4032,
0.3599

■ 40.1047, 0.3515,
0.3444

■ 26.1587, 0.4353,
0.3669

■ 46.0048, 0.3313,
0.3368

■ 22.6834, 0.4709,
0.3724


■ 52.5667, 0.3144,
0.3297


■ 19.7514, 0.5085,
0.3753


■ 59.8103, 0.3002,
0.3232


■ 17.3337, 0.5452,
0.3743


■ 67.7547, 0.2882,
0.3171

 15.3980, 0.5774,
0.3689

 76.4183, 0.2781,
0.3116

 14.0421, 0.6006,
0.3613

 84.9469, 0.2760,
0.3202

 90.0751, 0.2768,
0.3289

Harmonies

Analogous

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



34.8436, 0.3642, 0.3262



34.8436, 0.3753, 0.3522



34.8436, 0.3686, 0.3740

Triad

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



34.8436, 0.3753, 0.3522



34.8436, 0.2859, 0.3583



34.8436, 0.2779, 0.2773

Complementary

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



34.8436, 0.3753, 0.3522



39.8754, 0.2658, 0.3044

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.



34.8436, 0.2591, 0.2827



34.8436, 0.3753, 0.3522



34.8436, 0.2634, 0.3286

Square

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



34.8436, 0.3753, 0.3522



34.8436, 0.3162, 0.3796



34.8436, 0.2539, 0.3009



34.8436, 0.3067, 0.2844

Rectangle

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



34.8436, 0.3753, 0.3522



34.8436, 0.3552, 0.3829



34.8436, 0.2539, 0.3009



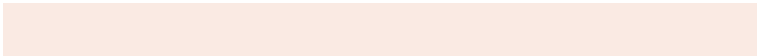
34.8436, 0.2703, 0.2776

Sweetspot

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



34.8452, 0.3753, 0.3522



84.5990, 0.3278, 0.3354



31.2445, 0.3336, 0.2728



17.7935, 0.3304, 0.3365



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.



34.8452, 0.3753, 0.3522



56.8949, 0.3930, 0.3573



45.6656, 0.3637, 0.3904



10.5327, 0.3282, 0.3356



9.4607, 0.5983, 0.3631



0.5299, 0.5529, 0.3992

Inverse Universe

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



39.8754, 0.2658, 0.3044



67.2456, 0.2565, 0.2984



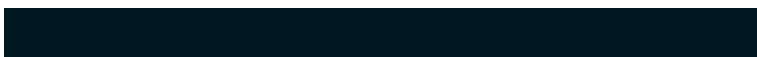
29.3929, 0.2605, 0.2589



10.9300, 0.2984, 0.3223



14.8424, 0.1986, 0.2351



0.7536, 0.2051, 0.2585

Previews

White Background



This preview shows how the Yxy color 34.8436, 0.3753, 0.3522 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 34.8436, 0.3753, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

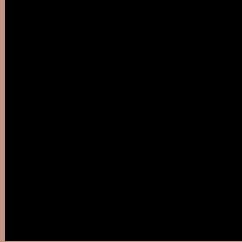
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8436, 0.3753, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 34.8436, 0.3753, 0.3522.



This preview shows how white text looks on a background with the Yxy color 34.8436, 0.3753, 0.3522.

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

34.8436, 0.3753, 0.3522

Protanopia

34.9561, 0.3411, 0.3599

Deuteranopia

34.7627, 0.3667, 0.3584



Tritanopia

34.7622, 0.3534, 0.3133

Trichromacy



Original Color

34.8436, 0.3753, 0.3522

Protanomaly

34.9016, 0.3532, 0.3577

Deuteranomaly

34.8138, 0.3702, 0.3567

Tritanomaly

34.6395, 0.3616, 0.3265

Monochromacy



Original Color

34.8436, 0.3753, 0.3522

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.2325, 0.3342, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8436, 0.3753, 0.3522 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, 150, 133)` looks like.

```
.text, #text, p{  
    color:rgb(193, 150, 133)  
}
```

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, 150, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 150, 133) }
```

Border

The CSS property to change the border of an element to Yxy 34.8436, 0.3753, 0.3522 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, 150, 133) }
```

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

```
.border{ border-color:rgb(193, 150, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 150, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 150, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 150, 133);  
box-shadow:4px 4px 4px 4px rgb(193, 150,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8436, 0.3753, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 150, 133) }
```

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

```
.background{ background-color: rgb(193,  
150, 133) }
```

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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