

Converting Colors

Yxy(36.1480, 0.3690, 0.3332)

Have a look what the booklet for
Yxy(36.1480, 0.3690, 0.3332)
contains.

Yxy(36.1986, 0.3680, 0.3331)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.1986, 0.3680, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	C89693
RGB	200, 150, 147
RGB Percent	78%, 59%, 58%
CMY	0.2157, 0.4117, 0.4235
CMYK	0.00, 0.25, 0.26, 0.22
HSL	3°, 33%, 68%
HSV	3°, 26%, 78%
XYZ	39.9912, 36.1986, 32.4820
YIQ	164.6080, 30.7630, 9.6670

Conversions

Conversions Part 2

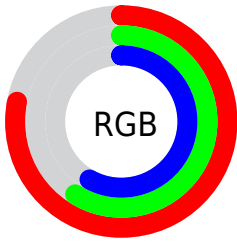
Format	Color
R_{YB}	200, 150, 147
Decimal	13145747
CIE _{Lab}	66.67, 18.32, 8.90
CIE _{LCh}	67, 20.372, 25.906
Yxy	36.1986, 0.3680, 0.3331
Android (android.graphics.Color)	4291335827 (0xFFC89693)
YUV	164.6080, -8.6807, 31.0388
Hunter-Lab	60.1653, 13.3579, 10.1062

Details

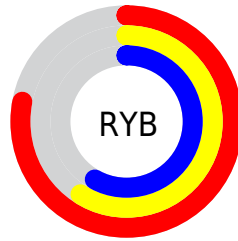
The Yxy color **36.1986, 0.3680, 0.3331** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.2999, 0.2740, 0.3249**, and the grayscale version is **37.4614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6628, 0.3550, 0.3322**, and **15.7880, 0.3867, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **30.0820, 0.3982, 0.3347**, and if you desaturate by 10%, it is **43.3969, 0.3434, 0.3315**.

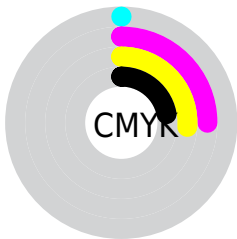
Distribution



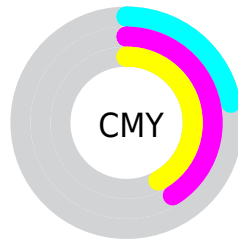
- Red (78%)
- Green (59%)
- Blue (58%)



- Red (78%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1986, 0.3680, 0.3331 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 36.1986, 0.3680, 0.3331 by changing the saturation by 10% instead.


 36.1986, 0.3680,
0.3331


 36.1986, 0.3680,
0.3331


329.8278, 0.3389,
0.3315

 24.5876, 0.3757,
0.3333


 69.3385, 0.3571,
0.3326

 15.7701, 0.3859,
0.3335


 91.6362, 0.3531,
0.3324

 9.3616, 0.4001,
0.3335


118.2649, 0.3498,
0.3322

 4.9778, 0.4208,
0.3330

149.6091, 0.3469,
0.3321

 2.2342, 0.4540,
0.3309

186.0530, 0.3445,
0.3319

 0.7386, 0.5635,
0.3502

227.9812, 0.3424,

 0.0000, 1.0000,

0.3318

0.0000

275.7780, 0.3406,
0.3316

0.0000, 0.0000,
0.0000

36.1986, 0.3680,
0.3331

36.1986, 0.3680,
0.3331

30.0820, 0.3982,
0.3347

43.3969, 0.3434,
0.3315

24.9902, 0.4346,
0.3363

51.7202, 0.3235,
0.3299

20.8685, 0.4768,
0.3374

61.2159, 0.3075,
0.3285

17.6553, 0.5228,
0.3379

71.9267, 0.2945,
0.3272

15.2820, 0.5681,
0.3374

83.8936, 0.2839,
0.3261

■ 13.6700, 0.6059,
0.3357

■ 91.0188, 0.2805,
0.3289

■ 12.7254, 0.6304,
0.3332

■ 12.5263, 0.6363,
0.3329

Harmonies

Analogous

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



36.1986, 0.3459, 0.3082



36.1986, 0.3680, 0.3331



36.1986, 0.3744, 0.3583

Triad

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



36.1986, 0.3680, 0.3331



36.1986, 0.3079, 0.3746



36.1986, 0.2635, 0.2807

Complementary

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



36.1986, 0.3680, 0.3331



50.2999, 0.2740, 0.3249

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.



36.1986, 0.2546, 0.2954



36.1986, 0.3680, 0.3331



36.1986, 0.2794, 0.3505

Square

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



36.1986, 0.3680, 0.3331



36.1986, 0.3386, 0.3844



36.1986, 0.2603, 0.3208



36.1986, 0.2852, 0.2787

Rectangle

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



36.1986, 0.3680, 0.3331



36.1986, 0.3688, 0.3722



36.1986, 0.2603, 0.3208



36.1986, 0.2590, 0.2842

Sweetspot

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



36.2003, 0.3680, 0.3331



87.0867, 0.3265, 0.3302



37.1930, 0.3182, 0.2667



18.1524, 0.3293, 0.3304



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.



36.2003, 0.3680, 0.3331



56.1461, 0.3853, 0.3341



45.4939, 0.3595, 0.3664



10.7319, 0.3288, 0.3304



8.0088, 0.6353, 0.3337



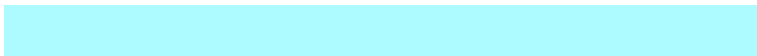
0.4137, 0.6192, 0.3466

Inverse Universe

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



50.2999, 0.2740, 0.3249



84.7502, 0.2662, 0.3238



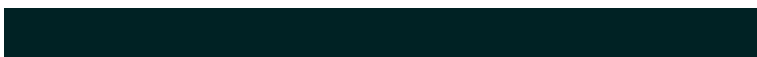
39.4412, 0.2705, 0.2884



11.9604, 0.2984, 0.3276



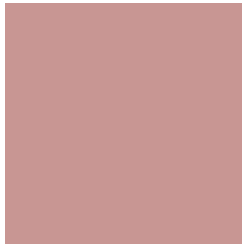
25.7418, 0.2198, 0.3114



1.2510, 0.2209, 0.3153

Previews

White Background



This preview shows how the Yxy color 36.1986, 0.3680, 0.3331 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 36.1986, 0.3680, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

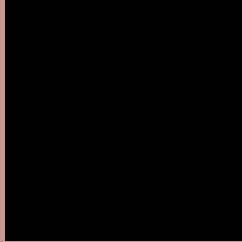
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1986, 0.3680, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 36.1986, 0.3680, 0.3331.



This preview shows how white text looks on a background with the Yxy color 36.1986, 0.3680, 0.3331.

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

36.1986, 0.3680, 0.3331

Protanopia

36.4654, 0.3266, 0.3420

Deuteranopia

36.3796, 0.3503, 0.3443



Tritanopia

36.1005, 0.3571, 0.3149

Trichromacy



Original Color

36.1986, 0.3680, 0.3331

Protanomaly

36.3914, 0.3411, 0.3388

Deuteranomaly

36.1337, 0.3574, 0.3400

Tritanomaly

36.2790, 0.3610, 0.3214

Monochromacy



Original Color

36.1986, 0.3680, 0.3331

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.0752, 0.3321, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1986, 0.3680, 0.3331 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(200, 150, 147)` looks like.

```
.text, #text, p{  
    color:rgb(200, 150, 147)  
}
```

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(200, 150, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 150, 147) }
```

Border

The CSS property to change the border of an element to Yxy 36.1986, 0.3680, 0.3331 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(200, 150, 147) }
```

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

```
.border{ border-color:rgb(200, 150, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 150, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 150, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 150, 147);  
box-shadow:4px 4px 4px 4px rgb(200, 150,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1986, 0.3680, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 150, 147) }
```

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

```
.background{ background-color: rgb(200,  
150, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor