

Converting Colors

$Yxy(37.3513, 0.3605, 0.3331)$

Have a look what the booklet for
Yxy(37.3513, 0.3605, 0.3331)
contains.

Yxy(37.3513, 0.3605, 0.3331)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.3513, 0.3605, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	C69A97
RGB	198, 154, 151
RGB Percent	78%, 60%, 59%
CMY	0.2237, 0.3960, 0.4078
CMYK	0.00, 0.22, 0.24, 0.22
HSL	4°, 29%, 68%
HSV	4°, 24%, 78%
XYZ	40.4237, 37.3513, 34.3574
YIQ	166.8140, 27.1870, 8.3950

Conversions

Conversions Part 2

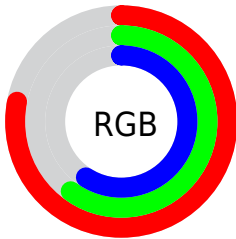
Format	Color
RYB	198, 154, 151
Decimal	13015703
CIELab	67.54, 15.93, 7.87
CIELCh	68, 17.768, 26.306
Yxy	37.3513, 0.3605, 0.3331
Android (android.graphics.Color)	4291205783 (0xFFC69A97)
YUV	166.8140, -7.7963, 27.3501
Hunter-Lab	61.1157, 11.1127, 9.4500

Details

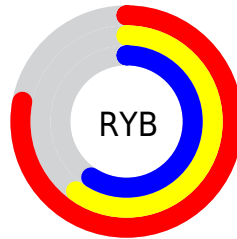
The Yxy color **37.3513, 0.3605, 0.3331** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.6631, 0.2777, 0.3249**, and the grayscale version is **38.5770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2687, 0.3509, 0.3332**, and **16.4602, 0.3756, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **31.1115, 0.3889, 0.3350**, and if you desaturate by 10%, it is **44.6463, 0.3374, 0.3313**.

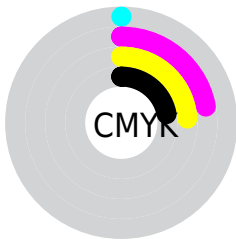
Distribution



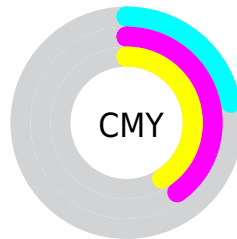
- Red (78%)
- Green (60%)
- Blue (59%)



- Red (78%)
- Yellow (60%)
- Blue (59%)



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





- Cyan (22%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3513, 0.3605, 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 37.3513, 0.3605, 0.3331 by changing the saturation by 10% instead.

 37.3513, 0.3605,
0.3331


 37.3513, 0.3605,
0.3331


334.8290, 0.3355,
0.3314

 25.4796, 0.3671,
0.3334


 71.1128, 0.3512,
0.3326

 16.4347, 0.3758,
0.3337


 93.7713, 0.3477,
0.3323

 9.8323, 0.3878,
0.3340


120.7943, 0.3449,
0.3321

 5.2879, 0.4053,
0.3339

152.5660, 0.3424,
0.3320

 2.4172, 0.4332,
0.3331

189.4710, 0.3403,
0.3318

 0.8347, 0.5076,
0.3445

231.8935, 0.3385,

 0.0000, 1.0000,

0.3316

0.0000

280.2181, 0.3369,
0.3315

0.0000, 0.0000,
0.0000

37.3513, 0.3605,
0.3331

37.3513, 0.3605,
0.3331

31.1115, 0.3889,
0.3350

44.6463, 0.3374,
0.3313

25.8732, 0.4233,
0.3367

53.0367, 0.3187,
0.3296

21.5858, 0.4638,
0.3382

62.5668, 0.3036,
0.3280

18.1921, 0.5088,
0.3390

73.2773, 0.2914,
0.3266

15.6290, 0.5546,
0.3387

85.2065, 0.2814,
0.3254

■ 13.8250, 0.5953,
0.3373

■ 90.7413, 0.2794,
0.3289

■ 12.6964, 0.6242,
0.3346

■ 12.2819, 0.6358,
0.3334

Harmonies

Analogous

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



37.3513, 0.3417, 0.3112



37.3513, 0.3605, 0.3331



37.3513, 0.3658, 0.3549

Triad

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



37.3513, 0.3605, 0.3331



37.3513, 0.3083, 0.3679



37.3513, 0.2702, 0.2870

Complementary

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



37.3513, 0.3605, 0.3331



49.6631, 0.2777, 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.



37.3513, 0.2623, 0.2999



37.3513, 0.3605, 0.3331



37.3513, 0.2836, 0.3472

Square

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



37.3513, 0.3605, 0.3331



37.3513, 0.3349, 0.3766



37.3513, 0.2671, 0.3218



37.3513, 0.2893, 0.2853

Rectangle

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



37.3513, 0.3605, 0.3331



37.3513, 0.3610, 0.3668



37.3513, 0.2671, 0.3218



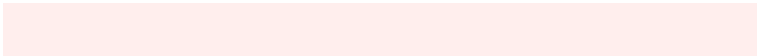
37.3513, 0.2662, 0.2901

Sweetspot

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



37.3530, 0.3605, 0.3331



88.7051, 0.3246, 0.3302



38.1033, 0.3176, 0.2734



18.7883, 0.3257, 0.3303



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.



37.3530, 0.3605, 0.3331



60.7500, 0.3731, 0.3340



45.6139, 0.3539, 0.3623



10.7445, 0.3288, 0.3305



8.0353, 0.6347, 0.3342



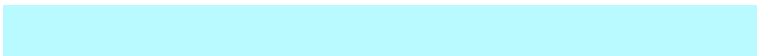
0.4195, 0.6166, 0.3486

Inverse Universe

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



49.6631, 0.2777, 0.3249



85.9896, 0.2714, 0.3240



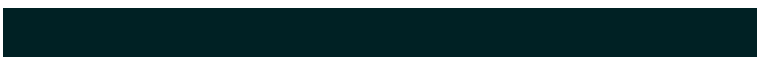
40.2121, 0.2752, 0.2933



11.9463, 0.2984, 0.3275



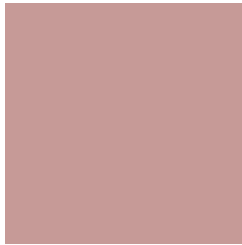
25.3415, 0.2192, 0.3090



1.2360, 0.2204, 0.3135

Previews

White Background



This preview shows how the Yxy color 37.3513, 0.3605, 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 37.3513, 0.3605, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

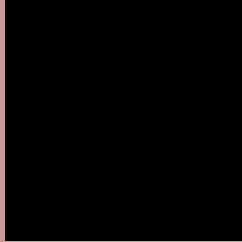
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3513, 0.3605, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 37.3513, 0.3605, 0.3331.



This preview shows how white text looks on a background with the Yxy color 37.3513, 0.3605, 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

37.3513, 0.3605, 0.3331

Protanopia

37.4973, 0.3255, 0.3404

Deuteranopia

37.4374, 0.3479, 0.3414



Tritanopia

37.2789, 0.3489, 0.3136

Trichromacy



Original Color

37.3513, 0.3605, 0.3331

Protanomaly

37.1780, 0.3378, 0.3374

Deuteranomaly

37.2631, 0.3525, 0.3386

Tritanomaly

37.4278, 0.3537, 0.3213

Monochromacy



Original Color

37.3513, 0.3605, 0.3331

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.8788, 0.3290, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3513, 0.3605, 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(198, 154, 151)` looks like.

```
.text, #text, p{  
    color:rgb(198, 154, 151)  
}
```

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(198, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 154, 151) }
```

Border

The CSS property to change the border of an element to Yxy 37.3513, 0.3605, 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(198, 154, 151) }
```

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

```
.border{ border-color:rgb(198, 154, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 154, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(198, 154,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3513, 0.3605, 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(198, 154, 151) }
```

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

```
.background{ background-color: rgb(198,  
154, 151) }
```

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