

Converting Colors

$Yxy(37.9053, 0.3615, 0.3222)$

Have a look what the booklet for
Yxy(37.9053, 0.3615, 0.3222)
contains.

Yxy(37.9042, 0.3611, 0.3215)	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(37.9042, 0.3611, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	CD989E
RGB	205, 152, 158
RGB Percent	80%, 60%, 62%
CMY	0.1961, 0.4039, 0.3804
CMYK	0.00, 0.26, 0.23, 0.20
HSL	353°, 35%, 70%
HSV	353°, 26%, 80%
XYZ	42.5730, 37.9042, 37.4208
YIQ	168.5310, 29.6620, 13.1020

Conversions

Conversions Part 2

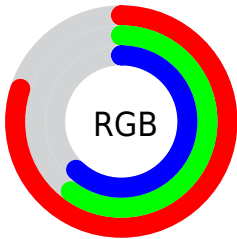
Format	Color
R _Y B	205, 152, 158
Decimal	13473950
CIE Lab	67.95, 20.71, 4.65
CIE LCh	68, 21.224, 12.653
Yxy	37.9042, 0.3611, 0.3215
Android (android.graphics.Color)	4291664030 (0xFFCD989E)
YUV	168.5310, -5.1918, 31.9833
Hunter-Lab	61.5664, 15.6910, 7.0593

Details

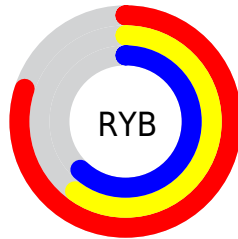
The Yxy color **37.9042, 0.3611, 0.3215** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4539, 0.2788, 0.3368**, and the grayscale version is **39.4483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6897, 0.3452, 0.3230**, and **16.8529, 0.3762, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **31.2360, 0.3882, 0.3185**, and if you desaturate by 10%, it is **45.8184, 0.3391, 0.3245**.

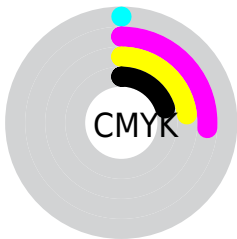
Distribution



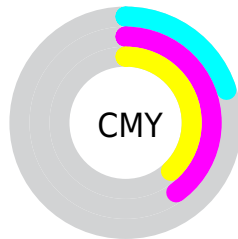
- Red (80%)
- Green (60%)
- Blue (62%)



- Red (80%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (26%)
- Yellow (23%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9042, 0.3611, 0.3215 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 37.9042, 0.3611, 0.3215 by changing the saturation by 10% instead.


 37.9042, 0.3611,
0.3215


 37.9042, 0.3611,
0.3215


337.2088, 0.3359,
0.3257

 25.9083, 0.3677,
0.3203


 71.9613, 0.3517,
0.3231

 16.7551, 0.3764,
0.3187


 94.7913, 0.3483,
0.3237

 10.0600, 0.3883,
0.3163


122.0015, 0.3454,
0.3242

 5.4388, 0.4057,
0.3127

153.9762, 0.3429,
0.3246

 2.5069, 0.4332,
0.3064

191.1000, 0.3408,
0.3249

 0.8801, 0.4889,
0.2972

233.7570, 0.3390,

 0.0000, 1.0000,

0.3252

0.0000

282.3319, 0.3373,
0.3255

0.0000, 0.0000,
0.0000

37.9042, 0.3611,
0.3215

37.9042, 0.3611,
0.3215

31.2360, 0.3882,
0.3185

45.8184, 0.3391,
0.3245

25.7453, 0.4212,
0.3157

55.0320, 0.3214,
0.3274

21.3652, 0.4600,
0.3136

65.6018, 0.3072,
0.3301

18.0198, 0.5034,
0.3126

77.5794, 0.2957,
0.3325

15.6236, 0.5480,
0.3135

91.0141, 0.2864,
0.3348

■ 14.0776, 0.5883,
0.3165

■ 91.7166, 0.2832,
0.3289

■ 13.2592, 0.6182,
0.3214

■ 13.0392, 0.6274,
0.3230

Harmonies

Analogous

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



37.9042, 0.3334, 0.2979



37.9042, 0.3611, 0.3215



37.9042, 0.3753, 0.3479

Triad

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



37.9042, 0.3611, 0.3215



37.9042, 0.3219, 0.3824



37.9042, 0.2565, 0.2845

Complementary

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



37.9042, 0.3611, 0.3215



54.4539, 0.2788, 0.3368

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.



37.9042, 0.2539, 0.3049



37.9042, 0.3611, 0.3215



37.9042, 0.2906, 0.3634

Square

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



37.9042, 0.3611, 0.3215



37.9042, 0.3517, 0.3847



37.9042, 0.2660, 0.3340



37.9042, 0.2733, 0.2767

Rectangle

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



37.9042, 0.3611, 0.3215



37.9042, 0.3749, 0.3642



37.9042, 0.2660, 0.3340



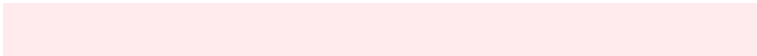
37.9042, 0.2540, 0.2900

Sweetspot

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



37.9060, 0.3611, 0.3215



86.5568, 0.3251, 0.3268



38.9827, 0.3100, 0.2641



18.0205, 0.3277, 0.3263



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.



37.9060, 0.3611, 0.3215



55.7892, 0.3755, 0.3198



44.8702, 0.3609, 0.3547



11.2340, 0.3273, 0.3264



8.1261, 0.6252, 0.3218



0.4263, 0.5856, 0.3000

Inverse Universe

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



37.9060, 0.3611, 0.3215



55.7892, 0.3755, 0.3198



45.6466, 0.2727, 0.3017



11.2340, 0.3273, 0.3264



8.1261, 0.6252, 0.3218



0.4263, 0.5856, 0.3000

Previews

White Background



This preview shows how the Yxy color 37.9042, 0.3611, 0.3215 looks on a white background.

Color Contrast Check

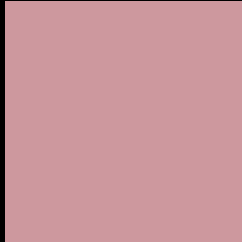
Large Text (above 18pt) WCAG AA × Fail

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 37.9042, 0.3611, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

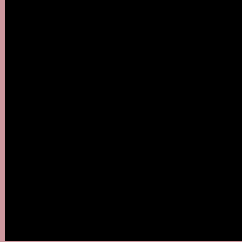
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9042, 0.3611, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 37.9042, 0.3611, 0.3215.



This preview shows how white text looks on a background with the Yxy color 37.9042, 0.3611, 0.3215.

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

37.9042, 0.3611, 0.3215

Protanopia

38.0619, 0.3165, 0.3290

Deuteranopia

37.8562, 0.3409, 0.3345



Tritanopia

37.8994, 0.3573, 0.3139

Trichromacy



Original Color

37.9042, 0.3611, 0.3215

Protanomaly

37.6953, 0.3323, 0.3263

Deuteranomaly

37.7547, 0.3476, 0.3291

Tritanomaly

37.8282, 0.3593, 0.3165

Monochromacy



Original Color

37.9042, 0.3611, 0.3215

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.8561, 0.3291, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9042, 0.3611, 0.3215 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(205, 152, 158)` looks like.

```
.text, #text, p{  
    color:rgb(205, 152, 158)  
}
```

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(205, 152, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 152, 158) }
```

Border

The CSS property to change the border of an element to Yxy 37.9042, 0.3611, 0.3215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

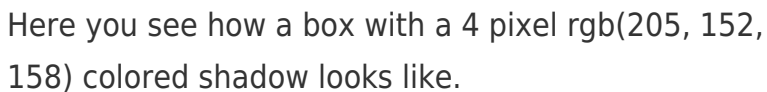
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 152, 158) }
```

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

```
.border{ border-color:rgb(205, 152, 158) }
```

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



Here you see how a box with a 4 pixel rgb(205, 152, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 152, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 152, 158);  
box-shadow:4px 4px 4px 4px rgb(205, 152,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9042, 0.3611, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 152, 158) }
```

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

```
.background{ background-color: rgb(205,  
152, 158) }
```

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