

Converting Colors

$Yxy(37.5299, 0.3641, 0.3245)$

Have a look what the booklet for
Yxy(37.5299, 0.3641, 0.3245)
contains.

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Color

Yxy(37.4789, 0.3645, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	CD979B
RGB	205, 151, 155
RGB Percent	80%, 59%, 61%
CMY	0.1960, 0.4079, 0.3921
CMYK	0.00, 0.26, 0.24, 0.20
HSL	356°, 35%, 70%
HSV	356°, 26%, 80%
XYZ	42.1638, 37.4789, 36.0330
YIQ	167.6020, 30.9000, 12.6920

Conversions

Conversions Part 2

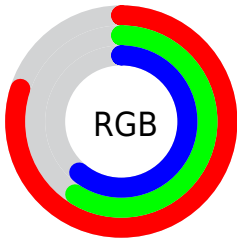
Format	Color
R_{YB}	205, 151, 155
Decimal	13473691
CIE _{Lab}	67.63, 20.84, 5.86
CIE _{LCh}	68, 21.646, 15.705
Yxy	37.4789, 0.3645, 0.3240
Android (android.graphics.Color)	4291663771 (0xFFCD979B)
YUV	167.6020, -6.2128, 32.7980
Hunter-Lab	61.2200, 15.8024, 7.9570

Details

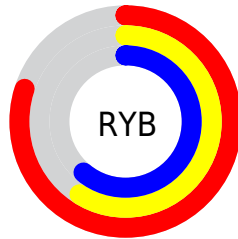
The Yxy color **37.4789, 0.3645, 0.3240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4635, 0.2769, 0.3342**, and the grayscale version is **38.9741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0061, 0.3485, 0.3260**, and **16.5978, 0.3813, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **30.8575, 0.3932, 0.3220**, and if you desaturate by 10%, it is **45.3513, 0.3413, 0.3260**.

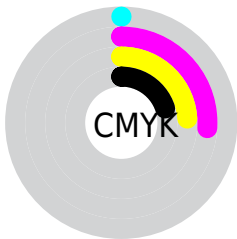
Distribution



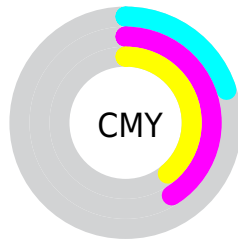
- Red (80%)
- Green (59%)
- Blue (61%)



- Red (80%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (26%)
- Yellow (24%)
- Black (20%)





- Cyan (20%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4789, 0.3645, 0.3240 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 37.4789, 0.3645, 0.3240 by changing the saturation by 10% instead.


 37.4789, 0.3645,
0.3240


 37.4789, 0.3645,
0.3240


335.3793, 0.3375,
0.3270

 25.5785, 0.3716,
0.3231


 71.3087, 0.3544,
0.3252

 16.5086, 0.3810,
0.3218


 94.0069, 0.3507,
0.3256

 9.8847, 0.3939,
0.3199


121.0732, 0.3476,
0.3260

 5.3226, 0.4127,
0.3168

152.8919, 0.3450,
0.3262

 2.4378, 0.4426,
0.3112

189.8475, 0.3427,
0.3265

 0.8452, 0.5089,
0.3061

232.3243, 0.3407,


 0.0000, 1.0000,


0.3267


0.0000


280.7068, 0.3390,
0.3268


 0.0000, 0.0000,
0.0000

 37.4789, 0.3645,
0.3240


 37.4789, 0.3645,
0.3240


 30.8575, 0.3932,
0.3220

 45.3513, 0.3413,
0.3260


 25.4179, 0.4281,
0.3203


 54.5289, 0.3226,
0.3279

 21.0919, 0.4689,
0.3190

 65.0692, 0.3076,
0.3296

 17.8027, 0.5141,
0.3186

 77.0246, 0.2956,
0.3312

 15.4631, 0.5595,
0.3195

 90.4447, 0.2858,
0.3327

■ 13.9723, 0.5989,
0.3218

■ 91.7208, 0.2833,
0.3289

■ 13.2021, 0.6260,
0.3253

■ 13.0161, 0.6329,
0.3260

Harmonies

Analogous

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



37.4789, 0.3371, 0.2993



37.4789, 0.3645, 0.3240



37.4789, 0.3773, 0.3510

Triad

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



37.4789, 0.3645, 0.3240



37.4789, 0.3187, 0.3825



37.4789, 0.2563, 0.2821

Complementary

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



37.4789, 0.3645, 0.3240



54.4635, 0.2769, 0.3342

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.



37.4789, 0.2522, 0.3017



37.4789, 0.3645, 0.3240



37.4789, 0.2870, 0.3615

Square

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



37.4789, 0.3645, 0.3240



37.4789, 0.3498, 0.3866



37.4789, 0.2631, 0.3309



37.4789, 0.2748, 0.2755

Rectangle

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



37.4789, 0.3645, 0.3240



37.4789, 0.3756, 0.3673



37.4789, 0.2631, 0.3309



37.4789, 0.2533, 0.2872

Sweetspot

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



37.4806, 0.3645, 0.3240



86.5110, 0.3256, 0.3275



38.8905, 0.3116, 0.2632



18.0090, 0.3283, 0.3273



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.



37.4806, 0.3645, 0.3240



54.5751, 0.3812, 0.3228



45.2957, 0.3615, 0.3575



11.2270, 0.3279, 0.3273



8.1074, 0.6311, 0.3250



0.4231, 0.6027, 0.3094

Inverse Universe

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



37.4806, 0.3645, 0.3240



54.5751, 0.3812, 0.3228



44.6509, 0.2717, 0.2987



11.2270, 0.3279, 0.3273



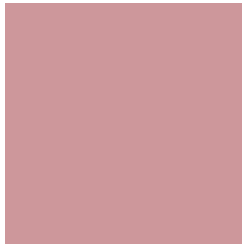
8.1074, 0.6311, 0.3250



0.4231, 0.6027, 0.3094

Previews

White Background



This preview shows how the Yxy color 37.4789, 0.3645, 0.3240 looks on a white background.

Color Contrast Check

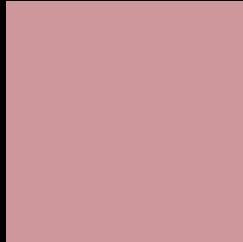
Large Text (above 18pt) WCAG AA × Fail

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 37.4789, 0.3645, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

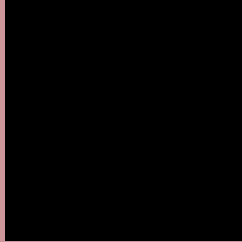
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4789, 0.3645, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 37.4789, 0.3645, 0.3240.



This preview shows how white text looks on a background with the Yxy color 37.4789, 0.3645, 0.3240.

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

37.4789, 0.3645, 0.3240

Protanopia

37.5946, 0.3192, 0.3319

Deuteranopia

37.4105, 0.3440, 0.3373



Tritanopia

37.5077, 0.3596, 0.3152

Trichromacy



Original Color

37.4789, 0.3645, 0.3240

Protanomaly

37.2446, 0.3353, 0.3291

Deuteranomaly

37.3165, 0.3508, 0.3318

Tritanomaly

37.4377, 0.3617, 0.3177

Monochromacy



Original Color

37.4789, 0.3645, 0.3240

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.3088, 0.3301, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4789, 0.3645, 0.3240 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, 151, 155)` looks like.

```
.text, #text, p{  
    color:rgb(205, 151, 155)  
}
```

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, 151, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 151, 155) }
```

Border

The CSS property to change the border of an element to Yxy 37.4789, 0.3645, 0.3240 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, 151, 155) }
```

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

```
.border{ border-color:rgb(205, 151, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 151, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 151, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 151, 155);  
box-shadow:4px 4px 4px 4px rgb(205, 151,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4789, 0.3645, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 151, 155) }
```

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

```
.background{ background-color: rgb(205,  
151, 155) }
```

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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