

Converting Colors

$Yxy(38.0727, 0.3677, 0.3353)$

Have a look what the booklet for
Yxy(38.0727, 0.3677, 0.3353)
contains.

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Color

Yxy(37.9776, 0.3677, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	CB9A95
RGB	203, 154, 149
RGB Percent	80%, 60%, 58%
CMY	0.2039, 0.3961, 0.4156
CMYK	0.00, 0.24, 0.27, 0.20
HSL	6°, 34%, 69%
HSV	6°, 27%, 80%
XYZ	41.6101, 37.9776, 33.5755
YIQ	168.0810, 30.8090, 8.8330

Conversions

Conversions Part 2

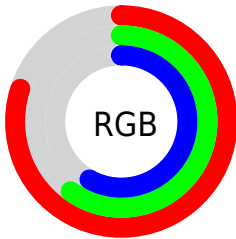
Format	Color
R _Y B	203, 155, 149
Decimal	13343381
CIE Lab	68.00, 17.57, 9.72
CIE LCh	68, 20.077, 28.941
Yxy	37.9776, 0.3677, 0.3356
Android (android.graphics.Color)	4291533461 (0xFFCB9A95)
YUV	168.0810, -9.4069, 30.6240
Hunter-Lab	61.6260, 12.6786, 10.8353

Details

The Yxy color **37.9776, 0.3677, 0.3356** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.0960, 0.2736, 0.3223**, and the grayscale version is **39.2367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1727, 0.3524, 0.3353**, and **16.8782, 0.3858, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **31.7643, 0.3974, 0.3382**, and if you desaturate by 10%, it is **45.2409, 0.3434, 0.3330**.

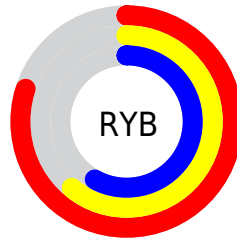
Distribution



Red (80%)

Green (60%)

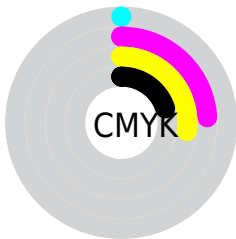
Blue (58%)



Red (80%)

Yellow (61%)

Blue (58%)

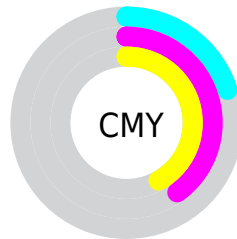


Cyan (0%)

Magenta (24%)

Yellow (27%)

Black (20%)



Cyan (20%)


Magenta (40%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9776, 0.3677, 0.3356 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 37.9776, 0.3677, 0.3356 by changing the saturation by 10% instead.

 37.9776, 0.3677,
0.3356


 37.9776, 0.3677,
0.3356


337.5239, 0.3390,
0.3327

 25.9653, 0.3753,
0.3361


 72.0738, 0.3570,
0.3347

 16.7977, 0.3852,
0.3367


 94.9265, 0.3531,
0.3343

 10.0904, 0.3988,
0.3373


122.1615, 0.3498,
0.3340

 5.4589, 0.4186,
0.3377

154.1631, 0.3470,
0.3337

 2.5190, 0.4499,
0.3370

191.3157, 0.3446,
0.3334

 0.8861, 0.5350,
0.3516

234.0038, 0.3425,

 0.0000, 1.0000,

0.3332


0.0000


282.6117, 0.3406,
0.3329

 0.0000, 0.0000,
0.0000


 37.9776, 0.3677,
0.3356


 37.9776, 0.3677,
0.3356


 31.7643, 0.3974,
0.3382


 45.2409, 0.3434,
0.3330

 26.5473, 0.4329,
0.3406


 53.5939, 0.3237,
0.3305


 22.2763, 0.4740,
0.3425

 63.0811, 0.3076,
0.3282

 18.8945, 0.5189,
0.3433

 73.7425, 0.2946,
0.3262

 16.3390, 0.5634,
0.3426

 85.6164, 0.2839,
0.3243

■ 14.5385, 0.6014,
0.3401

■ 91.4369, 0.2822,
0.3289

■ 13.4089, 0.6271,
0.3361

■ 13.1548, 0.6335,
0.3352

Harmonies

Analogous

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



37.9776, 0.3476, 0.3111



37.9776, 0.3677, 0.3356



37.9776, 0.3721, 0.3598

Triad

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



37.9776, 0.3677, 0.3356



37.9776, 0.3050, 0.3713



37.9776, 0.2666, 0.2813

Complementary

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



37.9776, 0.3677, 0.3356



51.0960, 0.2736, 0.3223

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.



37.9776, 0.2566, 0.2945



37.9776, 0.3677, 0.3356



37.9776, 0.2780, 0.3470

Square

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



37.9776, 0.3677, 0.3356



37.9776, 0.3350, 0.3825



37.9776, 0.2606, 0.3183



37.9776, 0.2887, 0.2806

Rectangle

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



37.9776, 0.3677, 0.3356



37.9776, 0.3656, 0.3727



37.9776, 0.2606, 0.3183



37.9776, 0.2617, 0.2843

Sweetspot

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



37.9794, 0.3677, 0.3356



87.5061, 0.3264, 0.3309



38.2960, 0.3199, 0.2685



18.2569, 0.3292, 0.3313



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.



37.9794, 0.3677, 0.3356



57.3174, 0.3843, 0.3371



47.7146, 0.3592, 0.3688



11.3776, 0.3288, 0.3312



8.4308, 0.6321, 0.3363



0.4936, 0.6088, 0.3548

Inverse Universe

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



51.0960, 0.2736, 0.3223



82.9510, 0.2658, 0.3206



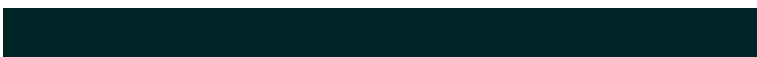
40.0207, 0.2701, 0.2857



12.5428, 0.2983, 0.3268



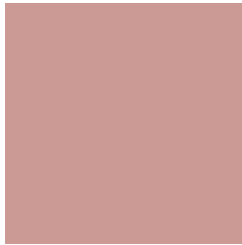
24.6933, 0.2167, 0.3000



1.3269, 0.2184, 0.3061

Previews

White Background



This preview shows how the Yxy color 37.9776, 0.3677, 0.3356 looks on a white background.

Color Contrast Check

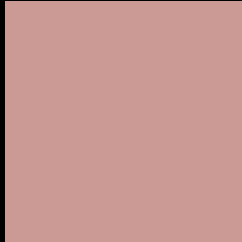
Large Text (above 18pt) WCAG AA × Fail

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 37.9776, 0.3677, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

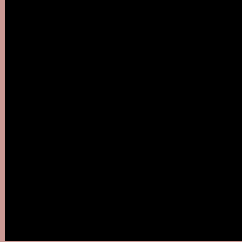
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9776, 0.3677, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 37.9776, 0.3677, 0.3356.



This preview shows how white text looks on a background with the Yxy color 37.9776, 0.3677, 0.3356.

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

37.9776, 0.3677, 0.3356

Protanopia

38.0475, 0.3282, 0.3432

Deuteranopia

38.0985, 0.3526, 0.3453



Tritanopia

38.0800, 0.3560, 0.3152

Trichromacy



Original Color

37.9776, 0.3677, 0.3356

Protanomaly

37.8569, 0.3416, 0.3401

Deuteranomaly

38.0612, 0.3583, 0.3424

Tritanomaly

38.0885, 0.3598, 0.3227

Monochromacy



Original Color

37.9776, 0.3677, 0.3356

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.5914, 0.3318, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9776, 0.3677, 0.3356 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(203, 154, 149)` looks like.

```
.text, #text, p{  
    color:rgb(203, 154, 149)  
}
```

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(203, 154, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 154, 149) }
```

Border

The CSS property to change the border of an element to Yxy 37.9776, 0.3677, 0.3356 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(203, 154, 149) }
```

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

```
.border{ border-color:rgb(203, 154, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 154, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 154, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 154, 149);  
box-shadow:4px 4px 4px 4px rgb(203, 154,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9776, 0.3677, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 154, 149) }
```

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

```
.background{ background-color: rgb(203,  
154, 149) }
```

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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