

Converting Colors

$Yxy(37.9738, 0.3679, 0.3444)$

Have a look what the booklet for
Yxy(37.9738, 0.3679, 0.3444)
contains.

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Color

Yxy(37.9327, 0.3680, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	C79C90
RGB	199, 156, 144
RGB Percent	78%, 61%, 56%
CMY	0.2197, 0.3882, 0.4353
CMYK	0.00, 0.22, 0.28, 0.22
HSL	13°, 33%, 67%
HSV	13°, 28%, 78%
XYZ	40.4733, 37.9327, 31.5758
YIQ	167.4890, 29.4800, 5.3840

Conversions

Conversions Part 2

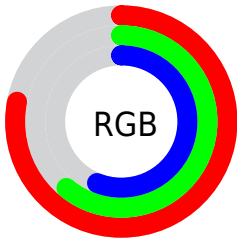
Format	Color
R _Y B	199, 159, 144
Decimal	13081744
CIE Lab	67.97, 14.22, 12.40
CIE LCh	68, 18.866, 41.074
Yxy	37.9327, 0.3680, 0.3449
Android (android.graphics.Color)	4291271824 (0xFFC79C90)
YUV	167.4890, -11.5801, 27.6351
Hunter-Lab	61.5895, 9.5188, 12.7158

Details

The Yxy color **37.9327, 0.3680, 0.3449** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5855, 0.2713, 0.3124**, and the grayscale version is **38.9421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9257, 0.3558, 0.3425**, and **16.8406, 0.3847, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **32.4881, 0.3958, 0.3510**, and if you desaturate by 10%, it is **44.1566, 0.3447, 0.3389**.

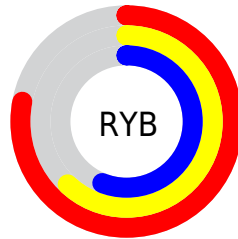
Distribution



Red (78%)

Green (61%)

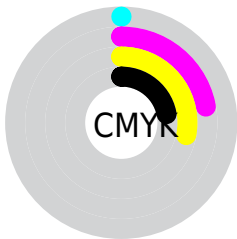
Blue (56%)



Red (78%)

Yellow (62%)

Blue (56%)

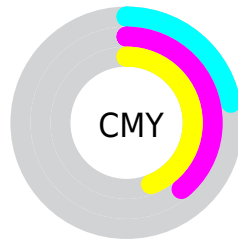


Cyan (0%)

Magenta (22%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9327, 0.3680, 0.3449 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 37.9327, 0.3680, 0.3449 by changing the saturation by 10% instead.


 37.9327, 0.3680,
0.3449


 37.9327, 0.3680,
0.3449


337.3312, 0.3392,
0.3373

 25.9305, 0.3756,
0.3467


 72.0050, 0.3572,
0.3422

 16.7716, 0.3856,
0.3488


 94.8438, 0.3533,
0.3412

 10.0718, 0.3992,
0.3515


122.0636, 0.3500,
0.3403

 5.4466, 0.4190,
0.3548

154.0488, 0.3472,
0.3395

 2.5116, 0.4501,
0.3586

191.1837, 0.3447,
0.3389

 0.8824, 0.5584,
0.3990

233.8529, 0.3426,

 0.0000, 1.0000,

0.3383

0.0000

282.4405, 0.3408,
0.3377

0.0000, 0.0000,
0.0000

37.9327, 0.3680,
0.3449

37.9327, 0.3680,
0.3449

32.4881, 0.3958,
0.3510

44.1566, 0.3447,
0.3389

27.7866, 0.4284,
0.3566

51.1834, 0.3253,
0.3331

23.7971, 0.4654,
0.3611

59.0426, 0.3092,
0.3278

20.4841, 0.5055,
0.3637

67.7604, 0.2958,
0.3228

17.8091, 0.5457,
0.3633

77.3617, 0.2846,
0.3184

■ 15.7293, 0.5817,
0.3591

■ 87.3179, 0.2795,
0.3230

■ 14.1943, 0.6093,
0.3516

■ 90.8803, 0.2800,
0.3289

■ 13.9008, 0.6150,
0.3499

Harmonies

Analogous

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



37.9327, 0.3546, 0.3212



37.9327, 0.3680, 0.3449



37.9327, 0.3657, 0.3659

Triad

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



37.9327, 0.3680, 0.3449



37.9327, 0.2945, 0.3606



37.9327, 0.2765, 0.2824

Complementary

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



37.9327, 0.3680, 0.3449



45.5855, 0.2713, 0.3124

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.



37.9327, 0.2620, 0.2902



37.9327, 0.3680, 0.3449



37.9327, 0.2720, 0.3351

Square

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



37.9327, 0.3680, 0.3449



37.9327, 0.3225, 0.3767



37.9327, 0.2604, 0.3090



37.9327, 0.3010, 0.2862

Rectangle

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



37.9327, 0.3680, 0.3449



37.9327, 0.3557, 0.3754



37.9327, 0.2604, 0.3090



37.9327, 0.2704, 0.2836

Sweetspot

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



37.9345, 0.3680, 0.3449



88.9999, 0.3261, 0.3334



35.6794, 0.3272, 0.2747



18.6299, 0.3289, 0.3343



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.



37.9345, 0.3680, 0.3449



60.6862, 0.3837, 0.3485



48.1898, 0.3589, 0.3792



11.0062, 0.3284, 0.3341



9.0474, 0.6128, 0.3517



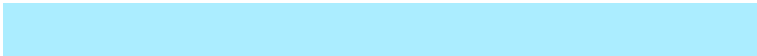
0.5389, 0.5717, 0.3843

Inverse Universe

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



45.5855, 0.2713, 0.3124



76.2132, 0.2630, 0.3084



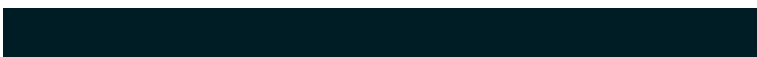
35.0501, 0.2673, 0.2731



11.6594, 0.2984, 0.3238



17.9768, 0.2050, 0.2578



0.9516, 0.2095, 0.2743

Previews

White Background



This preview shows how the Yxy color 37.9327, 0.3680, 0.3449 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 37.9327, 0.3680, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

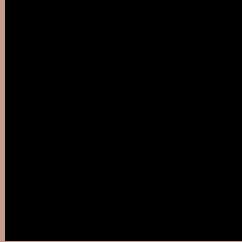
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9327, 0.3680, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 37.9327, 0.3680, 0.3449.



This preview shows how white text looks on a background with the Yxy color 37.9327, 0.3680, 0.3449.

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

37.9327, 0.3680, 0.3449

Protanopia

37.9644, 0.3346, 0.3517

Deuteranopia

38.0719, 0.3585, 0.3521



Tritanopia

37.9166, 0.3497, 0.3137

Trichromacy



Original Color

37.9327, 0.3680, 0.3449

Protanomaly

37.8923, 0.3460, 0.3498

Deuteranomaly

38.1169, 0.3619, 0.3505

Tritanomaly

37.8249, 0.3565, 0.3252

Monochromacy



Original Color

37.9327, 0.3680, 0.3449

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.2813, 0.3316, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9327, 0.3680, 0.3449 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(199, 156, 144)` looks like.

```
.text, #text, p{  
    color:rgb(199, 156, 144)  
}
```

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(199, 156, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 156, 144) }
```

Border

The CSS property to change the border of an element to Yxy 37.9327, 0.3680, 0.3449 is called "border". The border property can be set on classes, ids or directly on the HTML element.

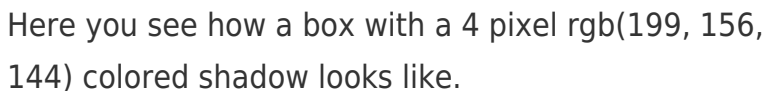
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 156, 144) }
```

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

```
.border{ border-color:rgb(199, 156, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 156, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 156, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 156, 144); box-shadow:4px 4px 4px 4px rgb(199, 156, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9327, 0.3680, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 156, 144) }
```

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

```
.background{ background-color: rgb(199,  
156, 144) }
```

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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