

Converting Colors

$Yxy(37.1063, 0.3753, 0.3356)$

Have a look what the booklet for
Yxy(37.1063, 0.3753, 0.3356)
contains.

Yxy(37.2994, 0.3760, 0.3369)	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(37.2994, 0.3760, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	CE9791
RGB	206, 151, 145
RGB Percent	81%, 59%, 57%
CMY	0.1922, 0.4078, 0.4314
CMYK	0.00, 0.27, 0.30, 0.19
HSL	6°, 38%, 69%
HSV	6°, 30%, 81%
XYZ	41.6283, 37.2994, 31.7859
YIQ	166.7610, 34.7060, 9.7940

Conversions

Conversions Part 2

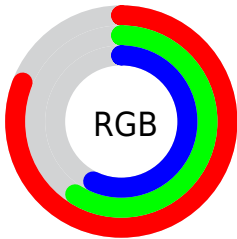
Format	Color
R _Y B	206, 152, 145
Decimal	13539217
CIE Lab	67.50, 19.79, 11.29
CIE LCh	68, 22.788, 29.707
Yxy	37.2994, 0.3760, 0.3369
Android (android.graphics.Color)	4291729297 (0xFFCE9791)
YUV	166.7610, -10.7282, 34.4126
Hunter-Lab	61.0732, 14.7897, 11.8935

Details

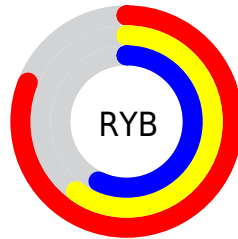
The Yxy color **37.2994, 0.3760, 0.3369** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.7659, 0.2694, 0.3209**, and the grayscale version is **38.5621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0462, 0.3564, 0.3353**, and **16.4246, 0.3950, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **31.2096, 0.4073, 0.3397**, and if you desaturate by 10%, it is **44.4487, 0.3502, 0.3341**.

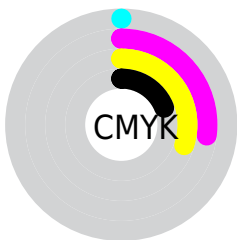
Distribution



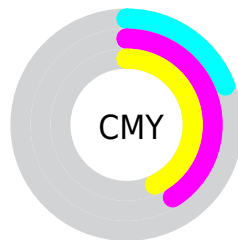
- Red (81%)
- Green (59%)
- Blue (57%)



- Red (81%)
- Yellow (60%)
- Blue (57%)



- Cyan (0%)
- Magenta (27%)
- Yellow (30%)
- Black (19%)





- Cyan (19%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2994, 0.3760, 0.3369 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 37.2994, 0.3760, 0.3369 by changing the saturation by 10% instead.


 37.2994, 0.3760,
0.3369

 37.2994, 0.3760,
0.3369


334.6049, 0.3429,
0.3335

 25.4394, 0.3848,
0.3375


 71.0330, 0.3636,
0.3358

 16.4047, 0.3963,
0.3381


 93.6754, 0.3591,
0.3354

 9.8110, 0.4121,
0.3387


120.6807, 0.3553,
0.3350

 5.2738, 0.4351,
0.3388

152.4334, 0.3520,
0.3346

 2.4088, 0.4714,
0.3374

189.3177, 0.3493,
0.3343

 0.8304, 0.5882,
0.3618

231.7182, 0.3468,


 0.0000, 1.0000,


0.3340

0.0000


280.0191, 0.3447,
0.3338


 0.0000, 0.0000,
0.0000

 37.2994, 0.3760,
0.3369


 37.2994, 0.3760,
0.3369

 31.2096, 0.4073,
0.3397


 44.4487, 0.3502,
0.3341


 26.1241, 0.4445,
0.3421


 52.6992, 0.3292,
0.3314

 21.9901, 0.4869,
0.3438

 62.0964, 0.3121,
0.3289

 18.7486, 0.5321,
0.3443

 72.6821, 0.2982,
0.3266

 16.3332, 0.5752,
0.3430

 84.4957, 0.2869,
0.3245

■ 14.6689, 0.6100,
0.3397

■ 91.8607, 0.2838,
0.3289

■ 13.6611, 0.6322,
0.3357

■ 13.6336, 0.6329,
0.3357

Harmonies

Analogous

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



37.2994, 0.3533, 0.3092



37.2994, 0.3760, 0.3369



37.2994, 0.3805, 0.3643

Triad

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



37.2994, 0.3760, 0.3369



37.2994, 0.3029, 0.3772



37.2994, 0.2608, 0.2746

Complementary

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



37.2994, 0.3760, 0.3369



51.7659, 0.2694, 0.3209

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.



37.2994, 0.2491, 0.2889



37.2994, 0.3760, 0.3369



37.2994, 0.2724, 0.3488

Square

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



37.2994, 0.3760, 0.3369



37.2994, 0.3371, 0.3903



37.2994, 0.2532, 0.3157



37.2994, 0.2861, 0.2743

Rectangle

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



37.2994, 0.3760, 0.3369



37.2994, 0.3726, 0.3790



37.2994, 0.2532, 0.3157



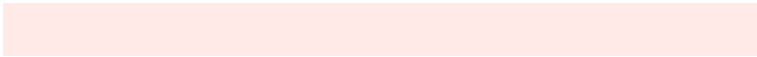
37.2994, 0.2552, 0.2778

Sweetspot

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



37.3012, 0.3760, 0.3369



86.1157, 0.3282, 0.3313



37.5788, 0.3208, 0.2615



17.9832, 0.3310, 0.3317



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.



37.3012, 0.3760, 0.3369



53.5197, 0.3968, 0.3388



48.0383, 0.3654, 0.3735



11.3890, 0.3288, 0.3314



8.4619, 0.6315, 0.3368



0.4989, 0.6069, 0.3563

Inverse Universe

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



51.7659, 0.2694, 0.3209



80.8962, 0.2606, 0.3188



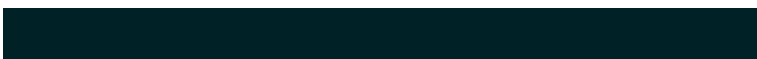
39.3748, 0.2649, 0.2799



12.5302, 0.2983, 0.3266



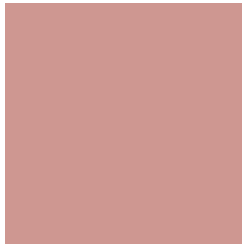
24.3569, 0.2161, 0.2979



1.3127, 0.2179, 0.3045

Previews

White Background



This preview shows how the Yxy color 37.2994, 0.3760, 0.3369 looks on a white background.

Color Contrast Check

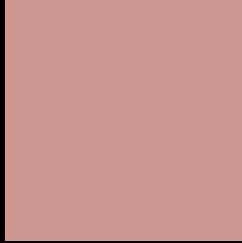
Large Text (above 18pt) WCAG AA × Fail

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 37.2994, 0.3760, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

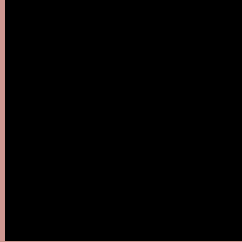
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2994, 0.3760, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 37.2994, 0.3760, 0.3369.



This preview shows how white text looks on a background with the Yxy color 37.2994, 0.3760, 0.3369.

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

37.2994, 0.3760, 0.3369

Protanopia

37.4758, 0.3301, 0.3461

Deuteranopia

37.5013, 0.3558, 0.3495



Tritanopia

37.4429, 0.3630, 0.3153

Trichromacy



Original Color

37.2994, 0.3760, 0.3369

Protanomaly

37.1565, 0.3469, 0.3429

Deuteranomaly

37.3927, 0.3639, 0.3451

Tritanomaly

37.4446, 0.3669, 0.3228

Monochromacy



Original Color

37.2994, 0.3760, 0.3369

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.8167, 0.3339, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2994, 0.3760, 0.3369 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(206, 151, 145)` looks like.

```
.text, #text, p{  
    color:rgb(206, 151, 145)  
}
```

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(206, 151, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 151, 145) }
```

Border

The CSS property to change the border of an element to Yxy 37.2994, 0.3760, 0.3369 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(206, 151, 145) }
```

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

```
.border{ border-color:rgb(206, 151, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 151, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 151, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 151, 145);  
box-shadow:4px 4px 4px 4px rgb(206, 151,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2994, 0.3760, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 151, 145) }
```

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

```
.background{ background-color: rgb(206,  
151, 145) }
```

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