

Converting Colors

$Yxy(37.0682, 0.3706, 0.3216)$

Have a look what the booklet for
Yxy(37.0682, 0.3706, 0.3216)
contains.

Yxy(37.0682, 0.3706, 0.3216)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.0682, 0.3706, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	D1949A
RGB	209, 148, 154
RGB Percent	82%, 58%, 60%
CMY	0.1804, 0.4196, 0.3961
CMYK	0.00, 0.29, 0.26, 0.18
HSL	354°, 40%, 70%
HSV	354°, 29%, 82%
XYZ	42.7160, 37.0682, 35.4776
YIQ	166.9230, 34.4300, 14.7980

Conversions

Conversions Part 2

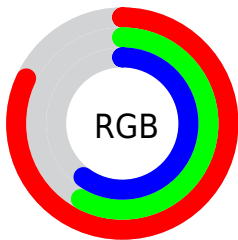
Format	Color
R _Y B	209, 148, 154
Decimal	13735066
CIE Lab	67.33, 23.82, 6.05
CIE LCh	67, 24.572, 14.242
Yxy	37.0682, 0.3706, 0.3216
Android (android.graphics.Color)	4291925146 (0xFFD1949A)
YUV	166.9230, -6.3710, 36.9015
Hunter-Lab	60.8837, 18.6894, 8.0696

Details

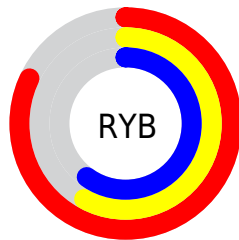
The Yxy color **37.0682, 0.3706, 0.3216** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.2059, 0.2743, 0.3367**, and the grayscale version is **38.6242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0551, 0.3500, 0.3230**, and **16.3010, 0.3887, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **30.5150, 0.4002, 0.3190**, and if you desaturate by 10%, it is **44.9071, 0.3465, 0.3242**.

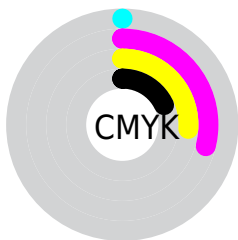
Distribution



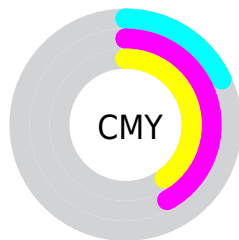
- Red (82%)
- Green (58%)
- Blue (60%)



- Red (82%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (26%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0682, 0.3706, 0.3216 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 37.0682, 0.3706, 0.3216 by changing the saturation by 10% instead.


 37.0682, 0.3706,
0.3216


 37.0682, 0.3706,
0.3216


333.6057, 0.3403,
0.3259

 25.2603, 0.3786,
0.3203


 70.6777, 0.3593,
0.3233

 16.2711, 0.3891,
0.3185


 93.2480, 0.3551,
0.3239

 9.7162, 0.4036,
0.3159


120.1746, 0.3517,
0.3244

 5.2112, 0.4247,
0.3117

151.8419, 0.3487,
0.3248

 2.3717, 0.4583,
0.3043

188.6343, 0.3462,
0.3251

 0.8113, 0.5349,
0.2967

230.9361, 0.3440,

 0.0000, 1.0000,

0.3254

0.0000

279.1318, 0.3420,
0.3257

0.0000, 0.0000,
0.0000

37.0682, 0.3706,
0.3216

37.0682, 0.3706,
0.3216

30.5150, 0.4002,
0.3190

44.9071, 0.3465,
0.3242

25.1740, 0.4359,
0.3168

54.0897, 0.3271,
0.3268

20.9722, 0.4772,
0.3153

64.6769, 0.3116,
0.3292

17.8268, 0.5222,
0.3150

76.7241, 0.2990,
0.3314

15.6435, 0.5663,
0.3165

90.2838, 0.2889,
0.3334

■ 14.3115, 0.6033,
0.3199

■ 92.2944, 0.2855,
0.3289

■ 13.6498, 0.6283,
0.3241

■ 13.6069, 0.6299,
0.3243

Harmonies

Analogous

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



37.0682, 0.3386, 0.2942



37.0682, 0.3706, 0.3216



37.0682, 0.3862, 0.3520

Triad

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



37.0682, 0.3706, 0.3216



37.0682, 0.3211, 0.3912



37.0682, 0.2483, 0.2764

Complementary

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



37.0682, 0.3706, 0.3216



56.2059, 0.2743, 0.3367

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.



37.0682, 0.2444, 0.2990



37.0682, 0.3706, 0.3216



37.0682, 0.2850, 0.3678

Square

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



37.0682, 0.3706, 0.3216



37.0682, 0.3563, 0.3944



37.0682, 0.2574, 0.3327



37.0682, 0.2683, 0.2685

Rectangle

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



37.0682, 0.3706, 0.3216



37.0682, 0.3848, 0.3708



37.0682, 0.2574, 0.3327



37.0682, 0.2451, 0.2824

Sweetspot

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



37.0699, 0.3706, 0.3216



84.9596, 0.3270, 0.3268



38.4672, 0.3104, 0.2557



17.7015, 0.3296, 0.3265



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.



37.0699, 0.3706, 0.3216



51.5183, 0.3883, 0.3200



45.3511, 0.3684, 0.3595



11.8269, 0.3275, 0.3267



8.3969, 0.6278, 0.3232



0.4761, 0.5941, 0.3047

Inverse Universe

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



37.0699, 0.3706, 0.3216



51.5183, 0.3883, 0.3200



45.4302, 0.2673, 0.2963



11.8269, 0.3275, 0.3267



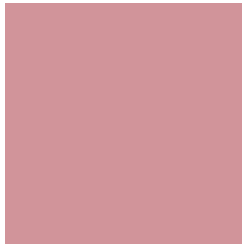
8.3969, 0.6278, 0.3232



0.4761, 0.5941, 0.3047

Previews

White Background



This preview shows how the Yxy color 37.0682, 0.3706, 0.3216 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 37.0682, 0.3706, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

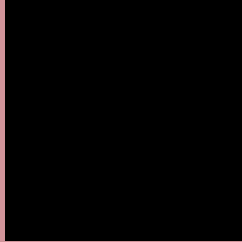
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0682, 0.3706, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 37.0682, 0.3706, 0.3216.



This preview shows how white text looks on a background with the Yxy color 37.0682, 0.3706, 0.3216.

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

37.0682, 0.3706, 0.3216

Protanopia

37.0542, 0.3165, 0.3290

Deuteranopia

37.3776, 0.3450, 0.3387



Tritanopia

36.9259, 0.3656, 0.3141

Trichromacy



Original Color

37.0682, 0.3706, 0.3216

Protanomaly

36.9369, 0.3345, 0.3263

Deuteranomaly

37.2119, 0.3541, 0.3318

Tritanomaly

36.8571, 0.3677, 0.3166

Monochromacy



Original Color

37.0682, 0.3706, 0.3216

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6953, 0.3323, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0682, 0.3706, 0.3216 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(209, 148, 154)` looks like.

```
.text, #text, p{  
    color:rgb(209, 148, 154)  
}
```

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(209, 148, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 148, 154) }
```

Border

The CSS property to change the border of an element to Yxy 37.0682, 0.3706, 0.3216 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(209, 148, 154) }
```

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

```
.border{ border-color:rgb(209, 148, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 148, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 148, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 148, 154); box-shadow:4px 4px 4px 4px rgb(209, 148, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0682, 0.3706, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 148, 154) }
```

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

```
.background{ background-color: rgb(209,  
148, 154) }
```

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