

# Converting Colors

$Yxy(35.8041, 0.4057, 0.3491)$

Have a look what the booklet for  
Yxy(35.8041, 0.4057, 0.3491)  
contains.

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# Color

**Yxy(35.8012, 0.4057, 0.3491)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D69080
RGB	214, 144, 128
RGB Percent	84%, 56%, 50%
CMY	0.1607, 0.4353, 0.4980
CMYK	0.00, 0.33, 0.40, 0.16
HSL	11°, 51%, 67%
HSV	11°, 40%, 84%
XYZ	41.6057, 35.8012, 25.1460
YIQ	163.1060, 46.8560, 9.8640

# Conversions

## Conversions Part 2

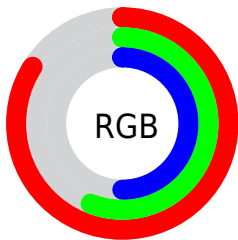
Format	Color
R <sub>Y</sub> B	214, 148, 128
Decimal	14061696
CIE Lab	66.37, 24.61, 19.31
CIE LCh	66, 31.279, 38.116
Yxy	35.8012, 0.4057, 0.3491
Android (android.graphics.Color)	4292251776 (0xFFD69080)
YUV	163.1060, -17.3073, 44.6340
Hunter-Lab	59.8341, 19.4104, 16.9666

# Details

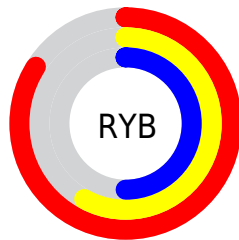
The Yxy color **35.8012, 0.4057, 0.3491** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.8533, 0.2543, 0.3074**, and the grayscale version is **36.7469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9844, 0.3724, 0.3469**, and **15.5613, 0.4353, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **30.4201, 0.4407, 0.3537**, and if you desaturate by 10%, it is **42.1194, 0.3758, 0.3440**.

# Distribution



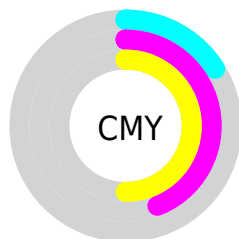
- Red (84%)
- Green (56%)
- Blue (50%)



- Red (84%)
- Yellow (58%)
- Blue (50%)



- Cyan (0%)
- Magenta (33%)
- Yellow (40%)
- Black (16%)




- Cyan (16%)
- Magenta (44%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 35.8012, 0.4057, 0.3491 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 35.8012, 0.4057, 0.3491 by changing the saturation by 10% instead.





 35.8012, 0.4057,  
0.3491

 35.8012, 0.4057,  
0.3491

328.0908, 0.3567,  
0.3403


 24.2807, 0.4186,  
0.3507


 68.7251, 0.3873,  
0.3463

 15.5420, 0.4356,  
0.3524


 90.8973, 0.3806,  
0.3451

 9.2006, 0.4588,  
0.3539


 117.3889, 0.3750,  
0.3441

 4.8723, 0.4921,  
0.3543

148.5842, 0.3702,  
0.3432

 2.1725, 0.5460,  
0.3528

184.8676, 0.3661,  
0.3423

 0.7049, 0.6566,  
0.3434

226.6236, 0.3626,

 0.0000, 1.0000,

0.3416

0.0000

274.2365, 0.3595,  
0.3409

0.0000, 0.0000,  
0.0000

35.8012, 0.4057,  
0.3491

35.8012, 0.4057,  
0.3491

30.4201, 0.4407,  
0.3537

42.1194, 0.3758,  
0.3440

25.9261, 0.4803,  
0.3571

49.4112, 0.3508,  
0.3388

22.2723, 0.5223,  
0.3584

57.7176, 0.3301,  
0.3338

19.4055, 0.5631,  
0.3567

67.0755, 0.3130,  
0.3291

17.2660, 0.5974,  
0.3517

77.5200, 0.2989,  
0.3248

■ 15.8000, 0.6215,  
0.3447

■ 88.9924, 0.2880,  
0.3223

■ 93.0386, 0.2883,  
0.3289

# Harmonies

## Analogous

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



35.8012, 0.3803, 0.3113



35.8012, 0.4057, 0.3491



35.8012, 0.4035, 0.3853

# Triad

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



35.8012, 0.4057, 0.3491



35.8012, 0.2855, 0.3879



35.8012, 0.2495, 0.2529

# Complementary

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



35.8012, 0.4057, 0.3491



49.8533, 0.2543, 0.3074

# 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.



35.8012, 0.2286, 0.2658



35.8012, 0.4057, 0.3491



35.8012, 0.2478, 0.3429

# Square

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



35.8012, 0.4057, 0.3491



35.8012, 0.3323, 0.4134



35.8012, 0.2279, 0.2974



35.8012, 0.2877, 0.2582



# Rectangle

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



35.8012, 0.4057, 0.3491



35.8012, 0.3873, 0.4040



35.8012, 0.2279, 0.2974



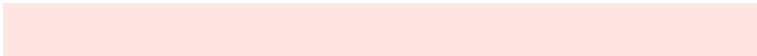
35.8012, 0.2404, 0.2551

# Sweetspot

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



35.8029, 0.4057, 0.3491



83.3044, 0.3338, 0.3347



33.8309, 0.3329, 0.2466



17.4714, 0.3364, 0.3354



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.



35.8029, 0.4057, 0.3491



46.4981, 0.4344, 0.3530



51.3068, 0.3844, 0.3996



12.7903, 0.3286, 0.3334



9.6602, 0.6194, 0.3464



0.6960, 0.5871, 0.3720



# Inverse Universe

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



49.8533, 0.2543, 0.3074



70.0343, 0.2442, 0.3022



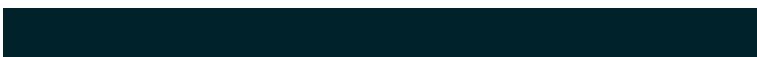
32.9733, 0.2448, 0.2460



13.6973, 0.2983, 0.3246



21.4317, 0.2080, 0.2688



1.3966, 0.2112, 0.2803



# Previews

## White Background



This preview shows how the Yxy color 35.8012, 0.4057, 0.3491 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

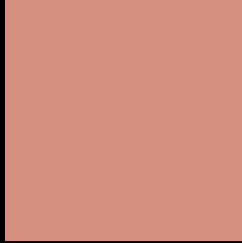
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 35.8012, 0.4057, 0.3491 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 35.8012, 0.4057, 0.3491**

## Background



This preview shows how black text looks on a background with the Yxy color 35.8012, 0.4057, 0.3491.



This preview shows how white text looks on a background with the Yxy color 35.8012, 0.4057, 0.3491.

# 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

35.8012, 0.4057, 0.3491

### Protanopia

35.8134, 0.3445, 0.3654

### Deuteranopia

35.7679, 0.3762, 0.3689



## Tritanopia

35.8830, 0.3836, 0.3169

# Trichromacy



## Original Color

35.8012, 0.4057, 0.3491

## Protanomaly

35.5752, 0.3660, 0.3596

## Deuteranomaly

35.6713, 0.3865, 0.3610

## Tritanomaly

35.7762, 0.3911, 0.3280

# Monochromacy



## Original Color

35.8012, 0.4057, 0.3491

## Achromatopsia

36.6253, 0.3127, 0.3290

## Achromatomaly

35.9240, 0.3446, 0.3374

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 35.8012, 0.4057, 0.3491 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(214, 144, 128)` looks like.

```
.text, #text, p{  
    color:rgb(214, 144, 128)  
}
```

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(214, 144, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 144, 128) }
```

## Border

The CSS property to change the border of an element to Yxy 35.8012, 0.4057, 0.3491 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(214, 144, 128) }
```

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

```
.border{ border-color:rgb(214, 144, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 144, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 144, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 144, 128);  
box-shadow:4px 4px 4px 4px rgb(214, 144,  
128) }
```



# Background

The CSS property to change the background color of an element to Yxy 35.8012, 0.4057, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 144, 128) }
```

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

```
.background{ background-color: rgb(214,  
144, 128) }
```

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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