

# Converting Colors

$Yxy(35.2112, 0.3738, 0.3234)$

Have a look what the booklet for  
Yxy(35.2112, 0.3738, 0.3234)  
contains.

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# Color

**Yxy(35.0956, 0.3731, 0.3227)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD9095
RGB	205, 144, 149
RGB Percent	80%, 56%, 58%
CMY	0.1961, 0.4353, 0.4155
CMYK	0.00, 0.30, 0.27, 0.20
HSL	355°, 38%, 68%
HSV	355°, 30%, 80%
XYZ	40.5769, 35.0956, 33.0836
YIQ	162.8090, 34.7510, 14.4870

# Conversions

## Conversions Part 2

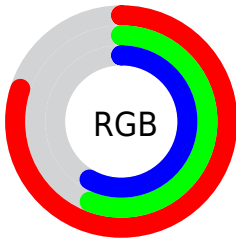
Format	Color
R <sub>Y</sub> B	205, 144, 149
Decimal	13471893
CIE Lab	65.82, 23.80, 6.62
CIE LCh	66, 24.705, 15.538
Yxy	35.0956, 0.3731, 0.3227
Android (android.graphics.Color)	4291661973 (0xFFCD9095)
YUV	162.8090, -6.8078, 37.0015
Hunter-Lab	59.2415, 18.5891, 8.3584

# Details

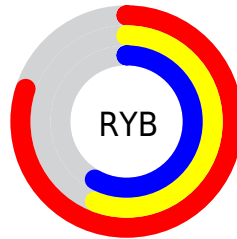
The Yxy color **35.0956, 0.3731, 0.3227** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.7603, 0.2731, 0.3356**, and the grayscale version is **36.5533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9600, 0.3547, 0.3240**, and **15.1001, 0.3930, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **28.8877, 0.4036, 0.3206**, and if you desaturate by 10%, it is **42.5313, 0.3483, 0.3249**.

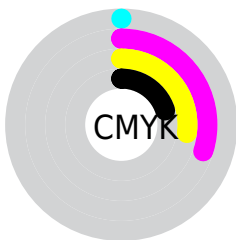
# Distribution



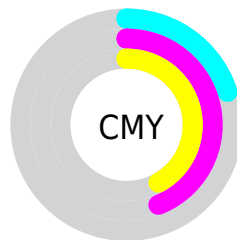
- Red (80%)
- Green (56%)
- Blue (58%)



- Red (80%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 35.0956, 0.3731, 0.3227 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 35.0956, 0.3731, 0.3227 by changing the saturation by 10% instead.





 35.0956, 0.3731,  
0.3227


 35.0956, 0.3731,  
0.3227


324.9901, 0.3412,  
0.3265

 23.7365, 0.3816,  
0.3215


 67.6338, 0.3611,  
0.3243

 15.1383, 0.3929,  
0.3198


 89.5818, 0.3567,  
0.3248

 8.9165, 0.4085,  
0.3172


115.8282, 0.3531,  
0.3252

 4.6868, 0.4316,  
0.3130

146.7574, 0.3500,  
0.3256

 2.0647, 0.4688,  
0.3052

182.7537, 0.3473,  
0.3259

 0.6446, 0.5848,  
0.3028


224.2017, 0.3450,

 0.0000, 1.0000,

0.3261

0.0000


271.4857, 0.3430,  
0.3263

 0.0000, 0.0000,  
0.0000

 35.0956, 0.3731,  
0.3227


 35.0956, 0.3731,  
0.3227


 28.8877, 0.4036,  
0.3206


 42.5313, 0.3483,  
0.3249


 23.8369, 0.4402,  
0.3188


 51.2508, 0.3284,  
0.3270


 19.8731, 0.4825,  
0.3176

 61.3123, 0.3124,  
0.3290

 16.9163, 0.5280,  
0.3175

 72.7692, 0.2995,  
0.3309

 14.8757, 0.5721,  
0.3190

 85.6720, 0.2891,  
0.3326

■ 13.6440, 0.6081,  
0.3220

■ 91.7190, 0.2833,  
0.3289

■ 13.0316, 0.6314,  
0.3254

■ 13.0192, 0.6319,  
0.3254

# Harmonies

## Analogous

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



35.0956, 0.3408, 0.2945



35.0956, 0.3731, 0.3227



35.0956, 0.3882, 0.3538

# Triad

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



35.0956, 0.3731, 0.3227



35.0956, 0.3195, 0.3921



35.0956, 0.2474, 0.2745

# Complementary

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



35.0956, 0.3731, 0.3227



53.7603, 0.2731, 0.3356

# 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.



35.0956, 0.2427, 0.2970



35.0956, 0.3731, 0.3227



35.0956, 0.2828, 0.3674

# Square

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



35.0956, 0.3731, 0.3227



35.0956, 0.3558, 0.3963



35.0956, 0.2552, 0.3311



35.0956, 0.2685, 0.2672



# Rectangle

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



35.0956, 0.3731, 0.3227



35.0956, 0.3861, 0.3728



35.0956, 0.2552, 0.3311



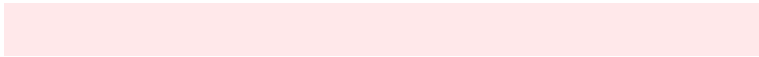
35.0956, 0.2439, 0.2803

# Sweetspot

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



35.0973, 0.3731, 0.3227



84.9387, 0.3272, 0.3272



36.6227, 0.3113, 0.2545



17.6964, 0.3299, 0.3269



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.



35.0973, 0.3731, 0.3227



50.4572, 0.3929, 0.3213



43.5243, 0.3693, 0.3614



11.2284, 0.3277, 0.3271



8.1108, 0.6300, 0.3244



0.4238, 0.5991, 0.3074



# Inverse Universe

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



35.0973, 0.3731, 0.3227



50.4572, 0.3929, 0.3213



42.8120, 0.2663, 0.2941



11.2284, 0.3277, 0.3271



8.1108, 0.6300, 0.3244

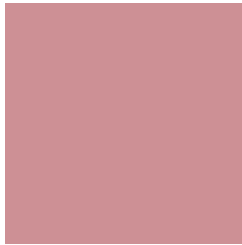


0.4238, 0.5991, 0.3074



# Previews

## White Background



This preview shows how the Yxy color 35.0956, 0.3731, 0.3227 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

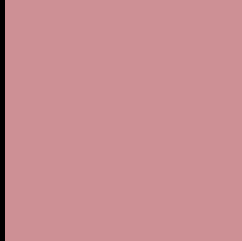
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 35.0956, 0.3731, 0.3227 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

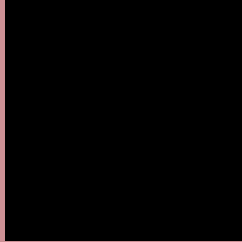
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 35.0956, 0.3731, 0.3227**

## Background



This preview shows how black text looks on a background with the Yxy color 35.0956, 0.3731, 0.3227.



This preview shows how white text looks on a background with the Yxy color 35.0956, 0.3731, 0.3227.

# 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

35.0956, 0.3731, 0.3227

### Protanopia

35.5027, 0.3184, 0.3319

### Deuteranopia

35.3730, 0.3467, 0.3403



## Tritanopia

35.0998, 0.3691, 0.3151

# Trichromacy



## Original Color

35.0956, 0.3731, 0.3227

## Protanomaly

35.0615, 0.3370, 0.3277

## Deuteranomaly

35.2185, 0.3562, 0.3332

## Tritanomaly

35.0337, 0.3712, 0.3177

# Monochromacy



## Original Color

35.0956, 0.3731, 0.3227

## Achromatopsia

36.6253, 0.3127, 0.3290

## Achromatomaly

35.7105, 0.3328, 0.3263

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 35.0956, 0.3731, 0.3227 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(205, 144, 149)` looks like.

```
.text, #text, p{  
    color:rgb(205, 144, 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(205, 144, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 144, 149) }
```

## Border

The CSS property to change the border of an element to Yxy 35.0956, 0.3731, 0.3227 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(205, 144, 149) }
```

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

```
.border{ border-color:rgb(205, 144, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 144, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 144, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 144, 149); box-shadow:4px 4px 4px 4px rgb(205, 144, 149) }
```



# Background

The CSS property to change the background color of an element to Yxy 35.0956, 0.3731, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 144, 149) }
```

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

```
.background{ background-color: rgb(205,  
144, 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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