

# Converting Colors

$Yxy(40.3933, 0.3764, 0.3212)$

Have a look what the booklet for  
Yxy(40.3933, 0.3764, 0.3212)  
contains.

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# Color

**Yxy(40.3318, 0.3762, 0.3208)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD989F
RGB	221, 152, 159
RGB Percent	87%, 60%, 62%
CMY	0.1335, 0.4038, 0.3765
CMYK	0.00, 0.31, 0.28, 0.13
HSL	354°, 50%, 73%
HSV	354°, 31%, 87%
XYZ	47.2968, 40.3318, 38.0939
YIQ	173.4290, 38.8770, 16.8050

# Conversions

## Conversions Part 2

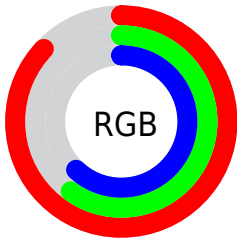
Format	Color
R <sub>Y</sub> B	221, 152, 159
Decimal	14522527
CIE Lab	69.71, 26.80, 6.84
CIE LCh	70, 27.659, 14.318
Yxy	40.3318, 0.3762, 0.3208
Android (android.graphics.Color)	4292712607 (0xFFDD989F)
YUV	173.4290, -7.1135, 41.7198
Hunter-Lab	63.5073, 21.7994, 8.8909

# Details

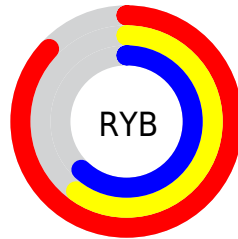
The Yxy color **40.3318, 0.3762, 0.3208** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.2253, 0.2720, 0.3376**, and the grayscale version is **42.0426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7407, 0.3445, 0.3220**, and **18.0896, 0.3950, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **33.1805, 0.4071, 0.3182**, and if you desaturate by 10%, it is **48.9338, 0.3510, 0.3235**.

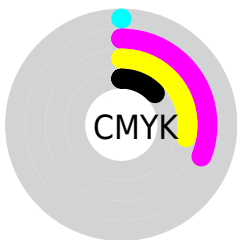
# Distribution



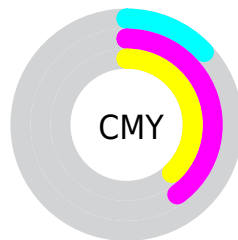
- Red (87%)
- Green (60%)
- Blue (62%)



- Red (87%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (31%)
- Yellow (28%)
- Black (13%)




- Cyan (13%)
- Magenta (40%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 40.3318, 0.3762, 0.3208 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 40.3318, 0.3762, 0.3208 by changing the saturation by 10% instead.





 40.3318, 0.3762,  
0.3208


 40.3318, 0.3762,  
0.3208


347.5201, 0.3435,  
0.3256

 27.7973, 0.3847,  
0.3194


 75.6685, 0.3641,  
0.3227

 18.1729, 0.3958,  
0.3175


 99.2395, 0.3596,  
0.3233

 11.0742, 0.4108,  
0.3147


127.2582, 0.3558,  
0.3239

 6.1168, 0.4324,  
0.3103

160.1089, 0.3526,  
0.3243

 2.9162, 0.4658,  
0.3027

198.1761, 0.3498,  
0.3247

 1.0882, 0.5267,  
0.2893

241.8441, 0.3474,


 0.0000, 1.0000,


0.3250


0.0000


291.4973, 0.3453,  
0.3253


 0.0000, 0.0000,  
0.0000


 40.3318, 0.3762,  
0.3208


 40.3318, 0.3762,  
0.3208


 33.1805, 0.4071,  
0.3182


 48.9338, 0.3510,  
0.3235


 27.3946, 0.4441,  
0.3160


 59.0543, 0.3307,  
0.3262


 22.8886, 0.4865,  
0.3147

 70.7637, 0.3144,  
0.3287

 19.5653, 0.5318,  
0.3148

 84.1263, 0.3013,  
0.3310

 17.3132, 0.5750,  
0.3167

 94.1064, 0.2923,  
0.3289

■ 15.9995, 0.6097,  
0.3206

■ 15.4258, 0.6299,  
0.3244

# Harmonies

## Analogous

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



40.3318, 0.3411, 0.2912



40.3318, 0.3762, 0.3208



40.3318, 0.3932, 0.3538

# Triad

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



40.3318, 0.3762, 0.3208



40.3318, 0.3215, 0.3974



40.3318, 0.2427, 0.2715

# Complementary

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



40.3318, 0.3762, 0.3208



63.2253, 0.2720, 0.3376

# 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.



40.3318, 0.2384, 0.2959



40.3318, 0.3762, 0.3208



40.3318, 0.2822, 0.3716

# Square

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



40.3318, 0.3762, 0.3208



40.3318, 0.3600, 0.4006



40.3318, 0.2523, 0.3327



40.3318, 0.2643, 0.2632



# Rectangle

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



40.3318, 0.3762, 0.3208



40.3318, 0.3915, 0.3743



40.3318, 0.2523, 0.3327



40.3318, 0.2392, 0.2779

# Sweetspot

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



40.3337, 0.3762, 0.3208



84.9634, 0.3270, 0.3268



41.8167, 0.3091, 0.2500



17.7024, 0.3295, 0.3264



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.



40.3337, 0.3762, 0.3208



49.5375, 0.3943, 0.3192



49.6544, 0.3738, 0.3605



13.0728, 0.3276, 0.3267



8.9721, 0.6277, 0.3231



0.5887, 0.5968, 0.3061



# Inverse Universe

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



40.3337, 0.3762, 0.3208



49.5375, 0.3943, 0.3192



50.7189, 0.2642, 0.2950



13.0728, 0.3276, 0.3267



8.9721, 0.6277, 0.3231



0.5887, 0.5968, 0.3061



# Previews

## White Background



This preview shows how the Yxy color 40.3318, 0.3762, 0.3208 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

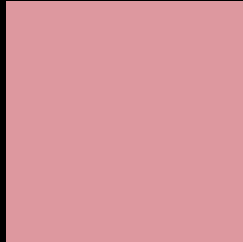
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 40.3318, 0.3762, 0.3208 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 40.3318, 0.3762, 0.3208**

## Background



This preview shows how black text looks on a background with the Yxy color 40.3318, 0.3762, 0.3208.



This preview shows how white text looks on a background with the Yxy color 40.3318, 0.3762, 0.3208.

# 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

40.3318, 0.3762, 0.3208

### Protanopia

40.6127, 0.3172, 0.3304

### Deuteranopia

40.5511, 0.3458, 0.3397



## Tritanopia

40.1497, 0.3724, 0.3148

# Trichromacy



## Original Color

40.3318, 0.3762, 0.3208

## Protanomaly

39.9874, 0.3378, 0.3264

## Deuteranomaly

40.3067, 0.3569, 0.3317

## Tritanomaly

40.1140, 0.3734, 0.3160

# Monochromacy



## Original Color

40.3318, 0.3762, 0.3208

## Achromatopsia

41.7885, 0.3127, 0.3290

## Achromatomaly

40.6846, 0.3337, 0.3251

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 40.3318, 0.3762, 0.3208 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(221, 152, 159)` looks like.

```
.text, #text, p{  
    color:rgb(221, 152, 159)  
}
```

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(221, 152, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 152, 159) }
```

## Border

The CSS property to change the border of an element to Yxy 40.3318, 0.3762, 0.3208 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(221, 152, 159) }
```

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

```
.border{ border-color:rgb(221, 152, 159) }
```

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

Here you see how a box with a 4 pixel rgb(221, 152, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 152, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 152, 159);  
box-shadow:4px 4px 4px 4px rgb(221, 152,  
159) }
```



# Background

The CSS property to change the background color of an element to Yxy 40.3318, 0.3762, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 152, 159) }
```

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

```
.background{ background-color: rgb(221,  
152, 159) }
```

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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