

Converting Colors

$Yxy(38.1360, 0.3744, 0.3267)$

Have a look what the booklet for
Yxy(38.1360, 0.3744, 0.3267)
contains.

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Color

Yxy(38.0767, 0.3752, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	D49698
RGB	212, 150, 152
RGB Percent	83%, 59%, 60%
CMY	0.1685, 0.4118, 0.4040
CMYK	0.00, 0.29, 0.28, 0.17
HSL	358°, 42%, 71%
HSV	358°, 29%, 83%
XYZ	43.7293, 38.0767, 34.7434
YIQ	168.7660, 36.3100, 13.7660

Conversions

Conversions Part 2

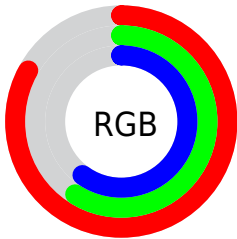
Format	Color
R _Y B	212, 150, 152
Decimal	13932184
CIE Lab	68.08, 23.59, 8.29
CIE LCh	68, 25.008, 19.365
Yxy	38.0767, 0.3752, 0.3267
Android (android.graphics.Color)	4292122264 (0xFFD49698)
YUV	168.7660, -8.2656, 37.9162
Hunter-Lab	61.7063, 18.5113, 9.8115

Details

The Yxy color **38.0767, 0.3752, 0.3267** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.2379, 0.2718, 0.3314**, and the grayscale version is **39.5836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3789, 0.3509, 0.3281**, and **16.9312, 0.3950, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **31.2980, 0.4073, 0.3259**, and if you desaturate by 10%, it is **46.1995, 0.3492, 0.3275**.

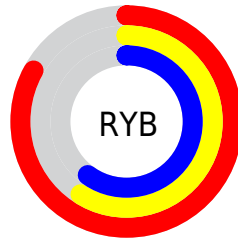
Distribution



Red (83%)

Green (59%)

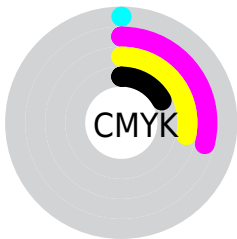
Blue (60%)



Red (83%)

Yellow (59%)

Blue (60%)

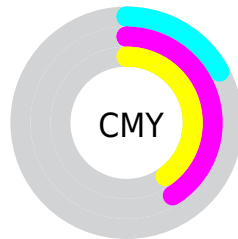


Cyan (0%)

Magenta (29%)

Yellow (28%)

Black (17%)



Cyan (17%)


Magenta (41%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0767, 0.3752, 0.3267 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 38.0767, 0.3752, 0.3267 by changing the saturation by 10% instead.


 38.0767, 0.3752,
0.3267


 38.0767, 0.3752,
0.3267


337.9489, 0.3426,
0.3285

 26.0422, 0.3838,
0.3260

 72.2257, 0.3630,
0.3275

 16.8552, 0.3950,
0.3250


 95.1090, 0.3586,
0.3278

 10.1313, 0.4104,
0.3233


122.3773, 0.3548,
0.3280

 5.4861, 0.4328,
0.3205

154.4152, 0.3517,
0.3281

 2.5352, 0.4679,
0.3149

191.6068, 0.3489,
0.3283

 0.8942, 0.5495,
0.3127

234.3367, 0.3466,

 0.0000, 1.0000,


0.3284


0.0000


282.9893, 0.3445,
0.3284


 0.0000, 0.0000,
0.0000

 38.0767, 0.3752,
0.3267


 38.0767, 0.3752,
0.3267

 31.2980, 0.4073,
0.3259


 46.1995, 0.3492,
0.3275


 25.7861, 0.4459,
0.3253


 55.7277, 0.3283,
0.3283

 21.4638, 0.4903,
0.3250

 66.7253, 0.3116,
0.3291

 18.2435, 0.5375,
0.3251

 79.2509, 0.2982,
0.3297

 16.0257, 0.5820,
0.3259

 92.7148, 0.2874,
0.3293

■ 14.6928, 0.6165,
0.3272

■ 92.7407, 0.2872,
0.3289

■ 14.0532, 0.6361,
0.3284

■ 14.0156, 0.6372,
0.3284

Harmonies

Analogous

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



38.0767, 0.3451, 0.2982



38.0767, 0.3752, 0.3267



38.0767, 0.3874, 0.3572

Triad

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



38.0767, 0.3752, 0.3267



38.0767, 0.3147, 0.3891



38.0767, 0.2501, 0.2735

Complementary

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



38.0767, 0.3752, 0.3267



58.2379, 0.2718, 0.3314

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.



38.0767, 0.2433, 0.2939



38.0767, 0.3752, 0.3267



38.0767, 0.2792, 0.3626

Square

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



38.0767, 0.3752, 0.3267



38.0767, 0.3511, 0.3959



38.0767, 0.2535, 0.3265



38.0767, 0.2728, 0.2682

Rectangle

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



38.0767, 0.3752, 0.3267



38.0767, 0.3835, 0.3754



38.0767, 0.2535, 0.3265



38.0767, 0.2460, 0.2786

Sweetspot

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



38.0785, 0.3752, 0.3267



84.8723, 0.3280, 0.3283



40.2613, 0.3142, 0.2563



17.6802, 0.3308, 0.3282



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.



38.0785, 0.3752, 0.3267



51.2916, 0.3941, 0.3262



48.4198, 0.3672, 0.3646



12.4272, 0.3286, 0.3283



8.6531, 0.6364, 0.3279



0.5242, 0.6248, 0.3216

Inverse Universe

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



38.0785, 0.3752, 0.3267



51.2916, 0.3941, 0.3262



45.1374, 0.2665, 0.2905



12.4272, 0.3286, 0.3283



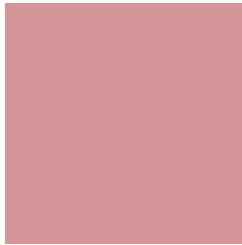
8.6531, 0.6364, 0.3279



0.5242, 0.6248, 0.3216

Previews

White Background



This preview shows how the Yxy color 38.0767, 0.3752, 0.3267 looks on a white background.

Color Contrast Check

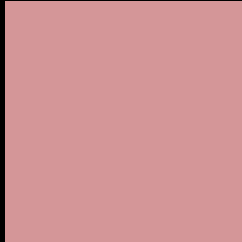
Large Text (above 18pt) WCAG AA × Fail

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 38.0767, 0.3752, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

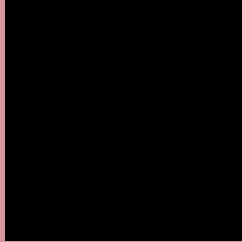
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0767, 0.3752, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 38.0767, 0.3752, 0.3267.



This preview shows how white text looks on a background with the Yxy color 38.0767, 0.3752, 0.3267.

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

38.0767, 0.3752, 0.3267

Protanopia

38.4684, 0.3226, 0.3375

Deuteranopia

38.0350, 0.3497, 0.3427



Tritanopia

38.1791, 0.3681, 0.3156

Trichromacy



Original Color

38.0767, 0.3752, 0.3267

Protanomaly

38.0150, 0.3410, 0.3332

Deuteranomaly

37.8816, 0.3589, 0.3357

Tritanomaly

38.0753, 0.3712, 0.3193

Monochromacy



Original Color

38.0767, 0.3752, 0.3267

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.7993, 0.3340, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0767, 0.3752, 0.3267 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(212, 150, 152)` looks like.

```
.text, #text, p{  
    color:rgb(212, 150, 152)  
}
```

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(212, 150, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 150, 152) }
```

Border

The CSS property to change the border of an element to Yxy 38.0767, 0.3752, 0.3267 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(212, 150, 152) }
```

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

```
.border{ border-color:rgb(212, 150, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 150, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 150, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 150, 152);  
box-shadow:4px 4px 4px 4px rgb(212, 150,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0767, 0.3752, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 150, 152) }
```

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

```
.background{ background-color: rgb(212,  
150, 152) }
```

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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