

Converting Colors

$Yxy(35.3764, 0.3731, 0.3401)$

Have a look what the booklet for
Yxy(35.3764, 0.3731, 0.3401)
contains.

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Color

Yxy(35.4237, 0.3726, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	C6958D
RGB	198, 149, 141
RGB Percent	78%, 58%, 55%
CMY	0.2235, 0.4157, 0.4471
CMYK	0.00, 0.25, 0.29, 0.22
HSL	8°, 33%, 66%
HSV	8°, 29%, 78%
XYZ	38.8431, 35.4237, 29.9819
YIQ	162.7390, 31.7720, 7.9000

Conversions

Conversions Part 2

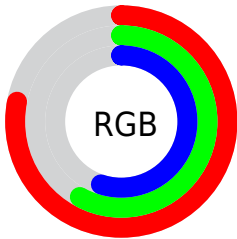
Format	Color
R _Y B	198, 150, 141
Decimal	13014413
CIE Lab	66.08, 17.27, 11.40
CIE LCh	66, 20.688, 33.428
Yxy	35.4237, 0.3726, 0.3398
Android (android.graphics.Color)	4291204493 (0xFFC6958D)
YUV	162.7390, -10.7173, 30.9239
Hunter-Lab	59.5178, 12.3381, 11.7953

Details

The Yxy color **35.4237, 0.3726, 0.3398** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5558, 0.2703, 0.3179**, and the grayscale version is **36.5370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9120, 0.3599, 0.3374**, and **15.3303, 0.3921, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **29.8914, 0.4025, 0.3437**, and if you desaturate by 10%, it is **41.8512, 0.3478, 0.3359**.

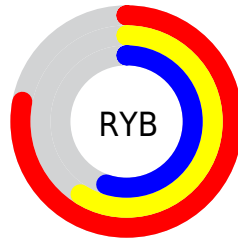
Distribution



Red (78%)

Green (58%)

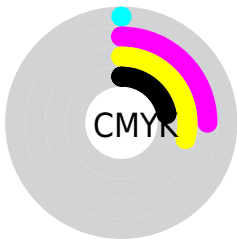
Blue (55%)



Red (78%)

Yellow (59%)

Blue (55%)

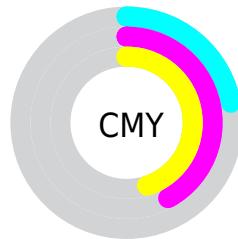


Cyan (0%)

Magenta (25%)

Yellow (29%)

Black (22%)



Cyan (22%)


Magenta (42%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4237, 0.3726, 0.3398 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 35.4237, 0.3726, 0.3398 by changing the saturation by 10% instead.

 35.4237, 0.3726,
0.3398


 35.4237, 0.3726,
0.3398


326.4346, 0.3410,
0.3348

 23.9894, 0.3810,
0.3409

 68.1416, 0.3607,
0.3381

 15.3258, 0.3922,
0.3421


 90.1941, 0.3564,
0.3375

 9.0483, 0.4077,
0.3434


 116.5547, 0.3527,
0.3369

 4.7727, 0.4304,
0.3448

147.6080, 0.3497,
0.3364

 2.1145, 0.4669,
0.3451

183.7382, 0.3470,
0.3359

 0.6728, 0.6163,
0.3837

225.3297, 0.3448,

 0.0000, 1.0000,

0.3355

0.0000

272.7671, 0.3428,
0.3352

0.0000, 0.0000,
0.0000

35.4237, 0.3726,
0.3398

35.4237, 0.3726,
0.3398

29.8914, 0.4025,
0.3437

41.8512, 0.3478,
0.3359

25.2096, 0.4378,
0.3473

49.2059, 0.3275,
0.3321

21.3376, 0.4782,
0.3499

57.5246, 0.3109,
0.3286

18.2290, 0.5216,
0.3510

66.8403, 0.2972,
0.3254

15.8327, 0.5641,
0.3498

77.1847, 0.2860,
0.3225

■ 14.0916, 0.6001,
0.3459

■ 88.2759, 0.2791,
0.3248

■ 12.9352, 0.6252,
0.3403

■ 90.7461, 0.2794,
0.3289

■ 12.8301, 0.6277,
0.3398

Harmonies

Analogous

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



35.4237, 0.3535, 0.3137



35.4237, 0.3726, 0.3398



35.4237, 0.3745, 0.3647

Triad

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



35.4237, 0.3726, 0.3398



35.4237, 0.2999, 0.3707



35.4237, 0.2669, 0.2779

Complementary

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



35.4237, 0.3726, 0.3398



46.5558, 0.2703, 0.3179

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.



35.4237, 0.2543, 0.2897



35.4237, 0.3726, 0.3398



35.4237, 0.2726, 0.3435

Square

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



35.4237, 0.3726, 0.3398



35.4237, 0.3316, 0.3848



35.4237, 0.2563, 0.3133



35.4237, 0.2917, 0.2791

Rectangle

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



35.4237, 0.3726, 0.3398



35.4237, 0.3660, 0.3774



35.4237, 0.2563, 0.3133



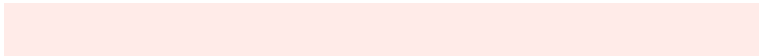
35.4237, 0.2612, 0.2804

Sweetspot

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



35.4254, 0.3726, 0.3398



86.6660, 0.3281, 0.3322



34.7856, 0.3233, 0.2668



18.1175, 0.3309, 0.3328



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.



35.4254, 0.3726, 0.3398



55.9682, 0.3921, 0.3425



45.4103, 0.3626, 0.3756



10.8737, 0.3286, 0.3323



8.4191, 0.6260, 0.3411



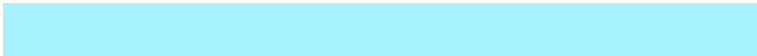
0.4788, 0.5926, 0.3677

Inverse Universe

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



46.5558, 0.2703, 0.3179



79.0667, 0.2613, 0.3149



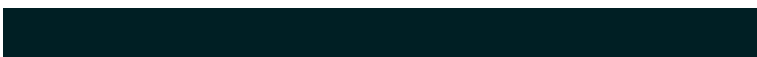
35.5401, 0.2660, 0.2774



11.8032, 0.2984, 0.3257



21.4761, 0.2123, 0.2842



1.0887, 0.2151, 0.2944

Previews

White Background



This preview shows how the Yxy color 35.4237, 0.3726, 0.3398 looks on a white background.

Color Contrast Check

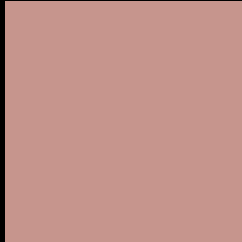
Large Text (above 18pt) WCAG AA × Fail

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 35.4237, 0.3726, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

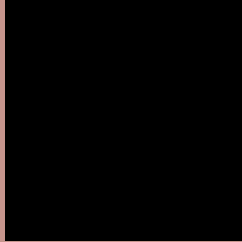
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4237, 0.3726, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 35.4237, 0.3726, 0.3398.



This preview shows how white text looks on a background with the Yxy color 35.4237, 0.3726, 0.3398.

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

35.4237, 0.3726, 0.3398

Protanopia

35.4637, 0.3314, 0.3480

Deuteranopia

35.5265, 0.3568, 0.3500



Tritanopia

35.3058, 0.3576, 0.3135

Trichromacy



Original Color

35.4237, 0.3726, 0.3398

Protanomaly

35.2862, 0.3454, 0.3447

Deuteranomaly

35.4947, 0.3627, 0.3469

Tritanomaly

35.2765, 0.3626, 0.3226

Monochromacy



Original Color

35.4237, 0.3726, 0.3398

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0504, 0.3333, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4237, 0.3726, 0.3398 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(198, 149, 141)` looks like.

```
.text, #text, p{  
    color:rgb(198, 149, 141)  
}
```

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(198, 149, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 149, 141) }
```

Border

The CSS property to change the border of an element to Yxy 35.4237, 0.3726, 0.3398 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(198, 149, 141) }
```

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

```
.border{ border-color:rgb(198, 149, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 149, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 149, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 149, 141);  
box-shadow:4px 4px 4px 4px rgb(198, 149,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4237, 0.3726, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 149, 141) }
```

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

```
.background{ background-color: rgb(198,  
149, 141) }
```

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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