

Converting Colors

$Yxy(35.6724, 0.3927, 0.3364)$

Have a look what the booklet for
Yxy(35.6724, 0.3927, 0.3364)
contains.

Yxy(35.7785, 0.3926, 0.3368)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.7785, 0.3926, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	D4908A
RGB	212, 144, 138
RGB Percent	83%, 56%, 54%
CMY	0.1687, 0.4352, 0.4589
CMYK	0.00, 0.32, 0.35, 0.17
HSL	5°, 46%, 69%
HSV	5°, 35%, 83%
XYZ	41.7062, 35.7785, 28.7460
YIQ	163.6480, 42.4540, 12.5500

Conversions

Conversions Part 2

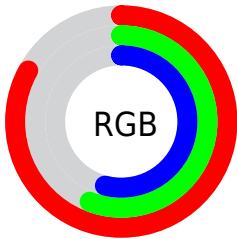
Format	Color
R _Y B	212, 145, 138
Decimal	13930634
CIE Lab	66.35, 24.99, 13.68
CIE LCh	66, 28.489, 28.699
Yxy	35.7785, 0.3926, 0.3368
Android (android.graphics.Color)	4292120714 (0xFFD4908A)
YUV	163.6480, -12.6445, 42.4047
Hunter-Lab	59.8151, 19.7829, 13.3769

Details

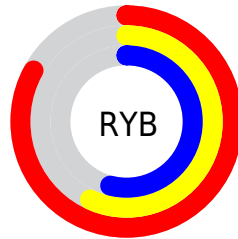
The Yxy color **35.7785, 0.3926, 0.3368** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.2693, 0.2627, 0.3209**, and the grayscale version is **36.9949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4098, 0.3643, 0.3364**, and **15.5018, 0.4181, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **29.8264, 0.4276, 0.3390**, and if you desaturate by 10%, it is **42.8709, 0.3636, 0.3345**.

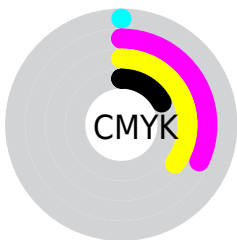
Distribution



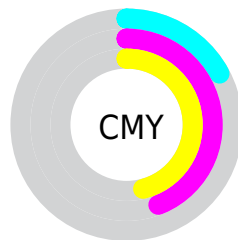
- Red (83%)
- Green (56%)
- Blue (54%)



- Red (83%)
- Yellow (57%)
- Blue (54%)



- Cyan (0%)
- Magenta (32%)
- Yellow (35%)
- Black (17%)



- Cyan (17%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7785, 0.3926, 0.3368 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 35.7785, 0.3926, 0.3368 by changing the saturation by 10% instead.


 35.7785, 0.3926,
0.3368


 35.7785, 0.3926,
0.3368


327.9914, 0.3505,
0.3339

 24.2632, 0.4038,
0.3371


 68.6900, 0.3768,
0.3360

 15.5290, 0.4186,
0.3373


 90.8551, 0.3710,
0.3356

 9.1915, 0.4389,
0.3370


 117.3388, 0.3662,
0.3353

 4.8663, 0.4685,
0.3355

148.5255, 0.3621,
0.3350

 2.1690, 0.5149,
0.3304

184.7998, 0.3586,
0.3347

 0.7030, 0.6589,
0.3411

226.5459, 0.3555,

 0.0000, 1.0000,

0.3344

0.0000

274.1483, 0.3528,
0.3341

0.0000, 0.0000,
0.0000

35.7785, 0.3926,
0.3368

35.7785, 0.3926,
0.3368

29.8264, 0.4276,
0.3390

42.8709, 0.3636,
0.3345

24.9501, 0.4684,
0.3407

51.1534, 0.3399,
0.3322

21.0870, 0.5134,
0.3416

60.6788, 0.3207,
0.3300

18.1656, 0.5587,
0.3412

71.4956, 0.3052,
0.3280

16.1049, 0.5982,
0.3391

83.6495, 0.2926,
0.3262

■ 14.8106, 0.6255,
0.3356

■ 92.7337, 0.2871,
0.3289

■ 14.4035, 0.6347,
0.3343

Harmonies

Analogous

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



35.7785, 0.3629, 0.3029



35.7785, 0.3926, 0.3368



35.7785, 0.3989, 0.3712

Triad

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



35.7785, 0.3926, 0.3368



35.7785, 0.3011, 0.3921



35.7785, 0.2468, 0.2611

Complementary

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



35.7785, 0.3926, 0.3368



54.2693, 0.2627, 0.3209

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.



35.7785, 0.2332, 0.2788



35.7785, 0.3926, 0.3368



35.7785, 0.2628, 0.3554

Square

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



35.7785, 0.3926, 0.3368



35.7785, 0.3442, 0.4075



35.7785, 0.2387, 0.3127



35.7785, 0.2776, 0.2607

Rectangle

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



35.7785, 0.3926, 0.3368



35.7785, 0.3890, 0.3906



35.7785, 0.2387, 0.3127



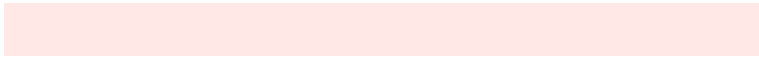
35.7785, 0.2402, 0.2651

Sweetspot

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



35.7802, 0.3926, 0.3368



84.4219, 0.3302, 0.3311



36.6732, 0.3214, 0.2481



17.6352, 0.3330, 0.3314



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.



35.7802, 0.3926, 0.3368



47.3853, 0.4184, 0.3385



48.4358, 0.3773, 0.3804



12.5819, 0.3289, 0.3310



8.9534, 0.6334, 0.3352



0.5979, 0.6146, 0.3502

Inverse Universe

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



54.2693, 0.2627, 0.3209



79.5799, 0.2536, 0.3190



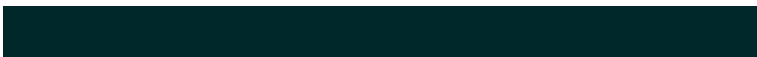
38.9216, 0.2560, 0.2712



13.9265, 0.2983, 0.3270



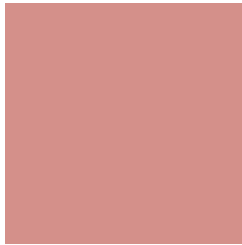
27.0204, 0.2176, 0.3034



1.6821, 0.2189, 0.3082

Previews

White Background



This preview shows how the Yxy color 35.7785, 0.3926, 0.3368 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 35.7785, 0.3926, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

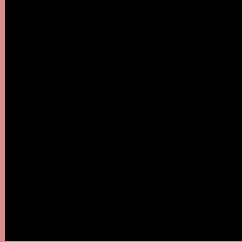
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7785, 0.3926, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 35.7785, 0.3926, 0.3368.



This preview shows how white text looks on a background with the Yxy color 35.7785, 0.3926, 0.3368.

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

35.7785, 0.3926, 0.3368

Protanopia

35.9212, 0.3322, 0.3494

Deuteranopia

35.9936, 0.3626, 0.3568



Tritanopia

35.7920, 0.3778, 0.3155

Trichromacy



Original Color

35.7785, 0.3926, 0.3368

Protanomaly

35.6467, 0.3528, 0.3444

Deuteranomaly

35.8647, 0.3725, 0.3493

Tritanomaly

35.9292, 0.3830, 0.3230

Monochromacy



Original Color

35.7785, 0.3926, 0.3368

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3043, 0.3385, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7785, 0.3926, 0.3368 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, 144, 138)` looks like.

```
.text, #text, p{  
    color:rgb(212, 144, 138)  
}
```

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, 144, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 144, 138) }
```

Border

The CSS property to change the border of an element to Yxy 35.7785, 0.3926, 0.3368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

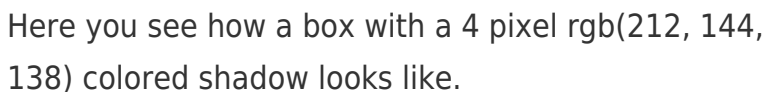
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 144, 138) }
```

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

```
.border{ border-color:rgb(212, 144, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 144, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 144, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 144, 138); box-shadow:4px 4px 4px 4px rgb(212, 144, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7785, 0.3926, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 144, 138) }
```

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

```
.background{ background-color: rgb(212,  
144, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor