

Converting Colors

$Yxy(35.6072, 0.3740, 0.3335)$

Have a look what the booklet for
Yxy(35.6072, 0.3740, 0.3335)
contains.

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Color

Yxy(35.7500, 0.3740, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	CA9490
RGB	202, 148, 144
RGB Percent	79%, 58%, 56%
CMY	0.2078, 0.4196, 0.4353
CMYK	0.00, 0.27, 0.29, 0.21
HSL	4°, 35%, 68%
HSV	4°, 29%, 79%
XYZ	39.9836, 35.7500, 31.1743
YIQ	163.6900, 33.4680, 10.2040

Conversions

Conversions Part 2

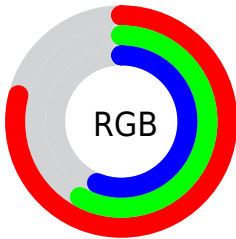
Format	Color
R _Y B	202, 148, 144
Decimal	13276304
CIE Lab	66.33, 19.78, 10.13
CIE LCh	66, 22.221, 27.114
Yxy	35.7500, 0.3740, 0.3344
Android (android.graphics.Color)	4291466384 (0xFFCA9490)
YUV	163.6900, -9.7072, 33.5979
Hunter-Lab	59.7913, 14.7315, 10.9409

Details

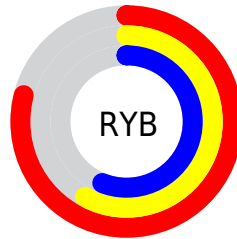
The Yxy color **35.7500, 0.3740, 0.3344** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.5848, 0.2709, 0.3235**, and the grayscale version is **37.0054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5783, 0.3578, 0.3333**, and **15.5606, 0.3940, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **29.7602, 0.4053, 0.3364**, and if you desaturate by 10%, it is **42.8121, 0.3483, 0.3324**.

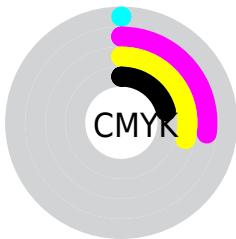
Distribution



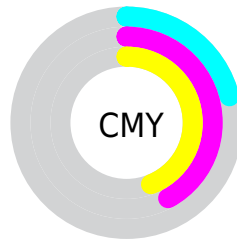
- Red (79%)
- Green (58%)
- Blue (56%)



- Red (79%)
- Yellow (58%)
- Blue (56%)



- Cyan (0%)
- Magenta (27%)
- Yellow (29%)
- Black (21%)



- Cyan (21%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7500, 0.3740, 0.3344 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 35.7500, 0.3740, 0.3344 by changing the saturation by 10% instead.


 35.7500, 0.3740,
0.3344


 35.7500, 0.3740,
0.3344


327.8665, 0.3417,
0.3323

 24.2412, 0.3826,
0.3347


 68.6460, 0.3619,
0.3338

 15.5126, 0.3940,
0.3350


 90.8020, 0.3574,
0.3335

 9.1799, 0.4098,
0.3350


117.2758, 0.3537,
0.3332

 4.8587, 0.4329,
0.3345

148.4519, 0.3506,
0.3330

 2.1646, 0.4699,
0.3320

184.7146, 0.3479,
0.3328

 0.7006, 0.6112,
0.3606

226.4484, 0.3456,

 0.0000, 1.0000,

0.3326


0.0000


274.0375, 0.3435,
0.3324


 0.0000, 0.0000,
0.0000


 35.7500, 0.3740,
0.3344


 35.7500, 0.3740,
0.3344


 29.7602, 0.4053,
0.3364

 42.8121, 0.3483,
0.3324


 24.7855, 0.4428,
0.3381


 50.9901, 0.3276,
0.3305


 20.7713, 0.4857,
0.3394

 60.3312, 0.3108,
0.3288

 17.6554, 0.5317,
0.3397

 70.8784, 0.2972,
0.3272

 15.3686, 0.5758,
0.3388

 82.6726, 0.2861,
0.3258

■ 13.8315, 0.6112,
0.3366

■ 91.2988, 0.2816,
0.3289

■ 12.9457, 0.6333,
0.3337

■ 12.8717, 0.6355,
0.3336

Harmonies

Analogous

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



35.7500, 0.3503, 0.3072



35.7500, 0.3740, 0.3344



35.7500, 0.3801, 0.3618

Triad

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



35.7500, 0.3740, 0.3344



35.7500, 0.3059, 0.3784



35.7500, 0.2597, 0.2759

Complementary

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



35.7500, 0.3740, 0.3344



50.5848, 0.2709, 0.3235

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.



35.7500, 0.2495, 0.2912



35.7500, 0.3740, 0.3344



35.7500, 0.2751, 0.3513

Square

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



35.7500, 0.3740, 0.3344



35.7500, 0.3397, 0.3898



35.7500, 0.2549, 0.3186



35.7500, 0.2838, 0.2744

Rectangle

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



35.7500, 0.3740, 0.3344



35.7500, 0.3734, 0.3769



35.7500, 0.2549, 0.3186



35.7500, 0.2546, 0.2795

Sweetspot

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



35.7517, 0.3740, 0.3344



85.7274, 0.3283, 0.3306



36.5864, 0.3196, 0.2625



17.8885, 0.3311, 0.3309



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.



35.7517, 0.3740, 0.3344



54.4826, 0.3913, 0.3355



45.9656, 0.3638, 0.3709



11.3360, 0.3288, 0.3307



8.3298, 0.6344, 0.3345



0.4742, 0.6161, 0.3490

Inverse Universe

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



50.5848, 0.2709, 0.3235



83.3354, 0.2635, 0.3223



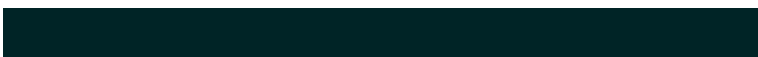
38.6195, 0.2666, 0.2831



12.5891, 0.2984, 0.3273



25.9539, 0.2187, 0.3075



1.3797, 0.2200, 0.3120

Previews

White Background



This preview shows how the Yxy color 35.7500, 0.3740, 0.3344 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 35.7500, 0.3740, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

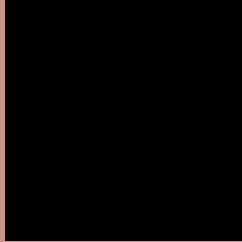
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7500, 0.3740, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 35.7500, 0.3740, 0.3344.



This preview shows how white text looks on a background with the Yxy color 35.7500, 0.3740, 0.3344.

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

35.7500, 0.3740, 0.3344

Protanopia

35.9396, 0.3276, 0.3435

Deuteranopia

35.9505, 0.3535, 0.3471



Tritanopia

35.6886, 0.3618, 0.3150

Trichromacy



Original Color

35.7500, 0.3740, 0.3344

Protanomaly

35.6184, 0.3445, 0.3403

Deuteranomaly

35.8420, 0.3618, 0.3427

Tritanomaly

35.8309, 0.3668, 0.3227

Monochromacy



Original Color

35.7500, 0.3740, 0.3344

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3530, 0.3334, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7500, 0.3740, 0.3344 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(202, 148, 144)` looks like.

```
.text, #text, p{  
    color:rgb(202, 148, 144)  
}
```

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(202, 148, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 148, 144) }
```

Border

The CSS property to change the border of an element to Yxy 35.7500, 0.3740, 0.3344 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(202, 148, 144) }
```

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

```
.border{ border-color:rgb(202, 148, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 148, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 148, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 148, 144);  
box-shadow:4px 4px 4px 4px rgb(202, 148,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7500, 0.3740, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 148, 144) }
```

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

```
.background{ background-color: rgb(202,  
148, 144) }
```

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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