

Converting Colors

Yxy(39.4330, 0.3641, 0.3144)

Have a look what the booklet for
Yxy(39.4330, 0.3641, 0.3144)
contains.

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Color

Yxy(39.4330, 0.3641, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	D698A4
RGB	214, 152, 164
RGB Percent	84%, 60%, 64%
CMY	0.1607, 0.4040, 0.3569
CMYK	0.00, 0.29, 0.23, 0.16
HSL	348°, 43%, 72%
HSV	348°, 29%, 84%
XYZ	45.6665, 39.4330, 40.3235
YIQ	171.9060, 33.1000, 16.8760

Conversions

Conversions Part 2

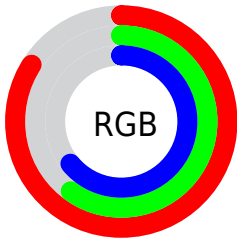
Format	Color
R _Y B	214, 152, 164
Decimal	14063780
CIE Lab	69.06, 24.96, 3.04
CIE LCh	69, 25.142, 6.938
Yxy	39.4330, 0.3641, 0.3144
Android (android.graphics.Color)	4292253860 (0xFFD698A4)
YUV	171.9060, -3.8977, 36.9164
Hunter-Lab	62.7957, 19.9170, 5.8846

Details

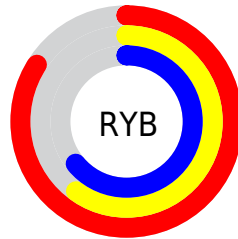
The Yxy color **39.4330, 0.3641, 0.3144** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.0483, 0.2779, 0.3443**, and the grayscale version is **41.2138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0001, 0.3407, 0.3169**, and **17.5533, 0.3805, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **32.5214, 0.3903, 0.3092**, and if you desaturate by 10%, it is **47.6865, 0.3427, 0.3197**.

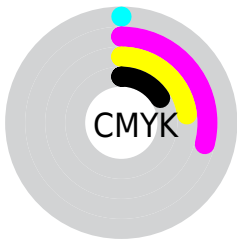
Distribution



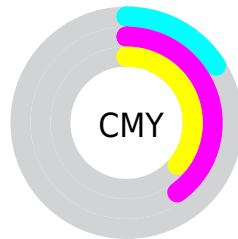
- Red (84%)
- Green (60%)
- Blue (64%)



- Red (84%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (23%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4330, 0.3641, 0.3144 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 39.4330, 0.3641, 0.3144 by changing the saturation by 10% instead.


 39.4330, 0.3641,
0.3144


 39.4330, 0.3641,
0.3144


343.7279, 0.3376,
0.3221

 27.0967, 0.3710,
0.3123


 74.2993, 0.3543,
0.3173

 17.6459, 0.3800,
0.3096


 97.5982, 0.3506,
0.3184

 10.6961, 0.3923,
0.3058


125.3200, 0.3476,
0.3193

 5.8628, 0.4099,
0.3001

157.8493, 0.3450,
0.3200

 2.7619, 0.4375,
0.2910

195.5703, 0.3428,
0.3207

 1.0087, 0.4864,
0.2743

238.8675, 0.3408,


 0.0000, 1.0000,


0.3212


0.0000

288.1252, 0.3391,
0.3217


 0.0000, 0.0000,
0.0000


 39.4330, 0.3641,
0.3144


 39.4330, 0.3641,
0.3144


 32.5214, 0.3903,
0.3092

 47.6865, 0.3427,
0.3197


 26.8753, 0.4218,
0.3045

 57.3418, 0.3254,
0.3247

 22.4191, 0.4585,
0.3010

 68.4622, 0.3114,
0.3295

 19.0669, 0.4991,
0.2995

 81.1053, 0.3001,
0.3338

 16.7212, 0.5407,
0.3010

 92.7419, 0.2908,
0.3337

■ 15.2672, 0.5787,
0.3059

■ 93.0406, 0.2883,
0.3289

■ 14.5233, 0.6086,
0.3134

■ 14.4635, 0.6112,
0.3141

Harmonies

Analogous

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



39.4330, 0.3295, 0.2886



39.4330, 0.3641, 0.3144



39.4330, 0.3845, 0.3447

Triad

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



39.4330, 0.3641, 0.3144



39.4330, 0.3301, 0.3941



39.4330, 0.2457, 0.2805

Complementary

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



39.4330, 0.3641, 0.3144



59.0483, 0.2779, 0.3443

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.



39.4330, 0.2459, 0.3064



39.4330, 0.3641, 0.3144



39.4330, 0.2933, 0.3752

Square

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



39.4330, 0.3641, 0.3144



39.4330, 0.3637, 0.3923



39.4330, 0.2628, 0.3416



39.4330, 0.2620, 0.2689

Rectangle

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



39.4330, 0.3641, 0.3144



39.4330, 0.3866, 0.3643



39.4330, 0.2628, 0.3416



39.4330, 0.2438, 0.2876

Sweetspot

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



39.4348, 0.3641, 0.3144



85.0860, 0.3256, 0.3247



39.8146, 0.3048, 0.2548



17.7324, 0.3279, 0.3239



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.



39.4348, 0.3641, 0.3144



51.8612, 0.3802, 0.3111



45.5437, 0.3701, 0.3519



12.4597, 0.3261, 0.3245



8.7512, 0.6080, 0.3123



0.5396, 0.5605, 0.2861

Inverse Universe

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



39.4348, 0.3641, 0.3144



51.8612, 0.3802, 0.3111



50.7493, 0.2684, 0.3048



12.4597, 0.3261, 0.3245



8.7512, 0.6080, 0.3123



0.5396, 0.5605, 0.2861

Previews

White Background



This preview shows how the Yxy color 39.4330, 0.3641, 0.3144 looks on a white background.

Color Contrast Check

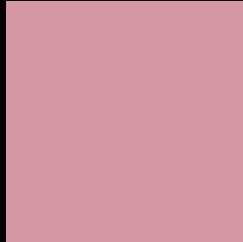
Large Text (above 18pt) WCAG AA × Fail

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 39.4330, 0.3641, 0.3144 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 39.4330, 0.3641, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 39.4330, 0.3641, 0.3144.



This preview shows how white text looks on a background with the Yxy color 39.4330, 0.3641, 0.3144.

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

39.4330, 0.3641, 0.3144

Protanopia

39.6803, 0.3112, 0.3221

Deuteranopia

39.4944, 0.3376, 0.3304



Tritanopia

39.4330, 0.3641, 0.3144

Trichromacy



Original Color

39.4330, 0.3641, 0.3144

Protanomaly

39.3077, 0.3294, 0.3184

Deuteranomaly

39.3109, 0.3463, 0.3239

Tritanomaly

39.4330, 0.3641, 0.3144

Monochromacy



Original Color

39.4330, 0.3641, 0.3144

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.3396, 0.3299, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4330, 0.3641, 0.3144 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(214, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(214, 152, 164)  
}
```

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(214, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 152, 164) }
```

Border

The CSS property to change the border of an element to Yxy 39.4330, 0.3641, 0.3144 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(214, 152, 164) }
```

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

```
.border{ border-color:rgb(214, 152, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 152, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(214, 152,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4330, 0.3641, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 152, 164) }
```

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

```
.background{ background-color: rgb(214,  
152, 164) }
```

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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