

Converting Colors

$Y_{xy}(39.7770, 0.3619, 0.3140)$

Have a look what the booklet for
Yxy(39.7770, 0.3619, 0.3140)
contains.

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Color

Yxy(39.7952, 0.3628, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	D699A5
RGB	214, 153, 165
RGB Percent	84%, 60%, 65%
CMY	0.1607, 0.4000, 0.3529
CMYK	0.00, 0.29, 0.23, 0.16
HSL	348°, 43%, 72%
HSV	348°, 29%, 84%
XYZ	45.9214, 39.7952, 40.8584
YIQ	172.6070, 32.5040, 16.6640

Conversions

Conversions Part 2

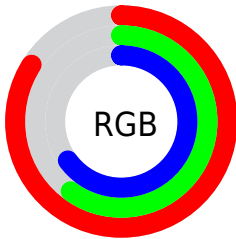
Format	Color
R _Y B	214, 153, 165
Decimal	14064037
CIE Lab	69.32, 24.57, 2.85
CIE LCh	69, 24.731, 6.623
Yxy	39.7952, 0.3628, 0.3144
Android (android.graphics.Color)	4292254117 (0xFFD699A5)
YUV	172.6070, -3.7503, 36.3017
Hunter-Lab	63.0834, 19.5426, 5.7569

Details

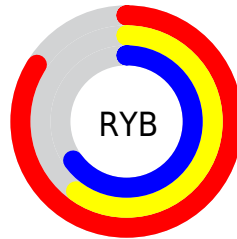
The Yxy color **39.7952, 0.3628, 0.3144** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.1466, 0.2786, 0.3443**, and the grayscale version is **41.5873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5391, 0.3399, 0.3169**, and **17.7687, 0.3786, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **32.8239, 0.3886, 0.3091**, and if you desaturate by 10%, it is **48.1109, 0.3417, 0.3197**.

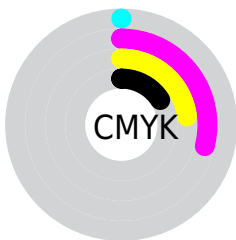
Distribution



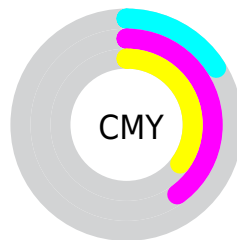
- Red (84%)
- Green (60%)
- Blue (65%)



- Red (84%)
- Yellow (60%)
- Blue (65%)



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





- Cyan (16%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7952, 0.3628, 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 39.7952, 0.3628, 0.3144 by changing the saturation by 10% instead.

 39.7952, 0.3628,
0.3144


 39.7952, 0.3628,
0.3144


345.2596, 0.3370,
0.3221

 27.3789, 0.3695,
0.3123


 74.8516, 0.3532,
0.3173

 17.8580, 0.3782,
0.3096


 98.2604, 0.3497,
0.3184

 10.8481, 0.3901,
0.3059


126.1022, 0.3467,
0.3192

 5.9648, 0.4072,
0.3003

158.7614, 0.3442,
0.3200

 2.8237, 0.4338,
0.2914

196.6223, 0.3420,
0.3206

 1.0404, 0.4806,
0.2750

240.0694, 0.3401,


 0.0000, 1.0000,


0.3212

0.0000


289.4870, 0.3385,
0.3217


 0.0000, 0.0000,
0.0000

 39.7952, 0.3628,
0.3144


 39.7952, 0.3628,
0.3144


 32.8239, 0.3886,
0.3091


 48.1109, 0.3417,
0.3197

 27.1210, 0.4197,
0.3043


 57.8308, 0.3246,
0.3249

 22.6112, 0.4560,
0.3006

 69.0179, 0.3109,
0.3297

 19.2093, 0.4964,
0.2990

 81.7294, 0.2997,
0.3341

 16.8182, 0.5379,
0.3003

 92.7837, 0.2904,
0.3331

■ 15.3243, 0.5762,
0.3050

■ 93.0411, 0.2883,
0.3289

■ 14.5567, 0.6065,
0.3126

■ 14.4691, 0.6103,
0.3136

Harmonies

Analogous

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



39.7952, 0.3289, 0.2891



39.7952, 0.3628, 0.3144



39.7952, 0.3830, 0.3441

Triad

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



39.7952, 0.3628, 0.3144



39.7952, 0.3302, 0.3929



39.7952, 0.2468, 0.2816

Complementary

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



39.7952, 0.3628, 0.3144



59.1466, 0.2786, 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.



39.7952, 0.2472, 0.3072



39.7952, 0.3628, 0.3144



39.7952, 0.2940, 0.3745

Square

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



39.7952, 0.3628, 0.3144



39.7952, 0.3630, 0.3909



39.7952, 0.2640, 0.3418



39.7952, 0.2627, 0.2700

Rectangle

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



39.7952, 0.3628, 0.3144



39.7952, 0.3852, 0.3634



39.7952, 0.2640, 0.3418



39.7952, 0.2451, 0.2887

Sweetspot

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



39.7971, 0.3628, 0.3144



85.0905, 0.3255, 0.3246



40.1681, 0.3050, 0.2560



17.7335, 0.3278, 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.



39.7971, 0.3628, 0.3144



52.8942, 0.3772, 0.3113



45.8412, 0.3690, 0.3516



12.4604, 0.3260, 0.3244



8.7544, 0.6071, 0.3118



0.5399, 0.5593, 0.2855

Inverse Universe

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



39.7971, 0.3628, 0.3144



52.8942, 0.3772, 0.3113



50.9819, 0.2691, 0.3052



12.4604, 0.3260, 0.3244



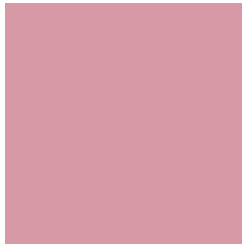
8.7544, 0.6071, 0.3118



0.5399, 0.5593, 0.2855

Previews

White Background



This preview shows how the Yxy color 39.7952, 0.3628, 0.3144 looks on a white background.

Color Contrast Check

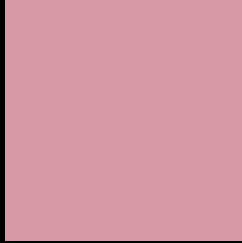
Large Text (above 18pt) WCAG AA × Fail

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 39.7952, 0.3628, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

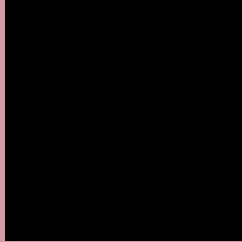
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7952, 0.3628, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 39.7952, 0.3628, 0.3144.



This preview shows how white text looks on a background with the Yxy color 39.7952, 0.3628, 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

39.7952, 0.3628, 0.3144

Protanopia

40.0899, 0.3103, 0.3221

Deuteranopia

39.8866, 0.3365, 0.3304



Tritanopia

39.7952, 0.3628, 0.3144

Trichromacy



Original Color

39.7952, 0.3628, 0.3144

Protanomaly

39.6995, 0.3284, 0.3184

Deuteranomaly

39.6923, 0.3452, 0.3239

Tritanomaly

39.7952, 0.3628, 0.3144

Monochromacy



Original Color

39.7952, 0.3628, 0.3144

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8661, 0.3298, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7952, 0.3628, 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, 153, 165)` looks like.

```
.text, #text, p{  
    color:rgb(214, 153, 165)  
}
```

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, 153, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 153, 165) }
```

Border

The CSS property to change the border of an element to Yxy 39.7952, 0.3628, 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, 153, 165) }
```

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

```
.border{ border-color:rgb(214, 153, 165) }
```

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

Here you see how a box with a 4 pixel rgb(214, 153, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 153, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 153, 165);  
box-shadow:4px 4px 4px 4px rgb(214, 153,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7952, 0.3628, 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, 153, 165) }
```

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

```
.background{ background-color: rgb(214,  
153, 165) }
```

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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