

Converting Colors

$Yxy(38.5981, 0.3601, 0.3097)$

Have a look what the booklet for
Yxy(38.5981, 0.3601, 0.3097)
contains.

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Color

Yxy(38.5629, 0.3605, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	D496A6
RGB	212, 150, 166
RGB Percent	83%, 59%, 65%
CMY	0.1688, 0.4117, 0.3491
CMYK	0.00, 0.29, 0.22, 0.17
HSL	345°, 42%, 71%
HSV	345°, 29%, 83%
XYZ	44.9319, 38.5629, 41.1429
YIQ	170.3620, 31.8160, 18.1200

Conversions

Conversions Part 2

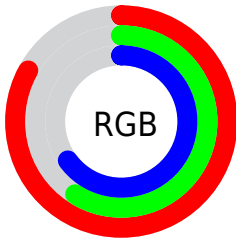
Format	Color
R _Y B	212, 150, 166
Decimal	13932198
CIE Lab	68.43, 25.56, 0.98
CIE LCh	68, 25.583, 2.204
Yxy	38.5629, 0.3605, 0.3094
Android (android.graphics.Color)	4292122278 (0xFFD496A6)
YUV	170.3620, -2.1505, 36.5165
Hunter-Lab	62.0990, 20.4807, 4.1875

Details

The Yxy color **38.5629, 0.3605, 0.3094** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.5419, 0.2801, 0.3497**, and the grayscale version is **40.3877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1431, 0.3395, 0.3129**, and **17.0182, 0.3755, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **31.8569, 0.3845, 0.3025**, and if you desaturate by 10%, it is **46.5667, 0.3408, 0.3164**.

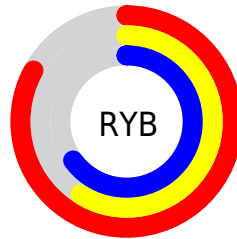
Distribution



Red (83%)

Green (59%)

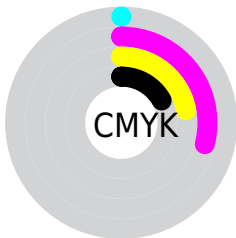
Blue (65%)



Red (83%)

Yellow (59%)

Blue (65%)

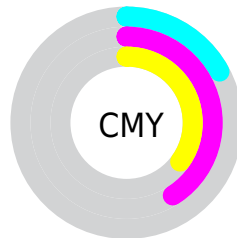


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (17%)



Cyan (17%)


Magenta (41%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5629, 0.3605, 0.3094 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 38.5629, 0.3605, 0.3094 by changing the saturation by 10% instead.


 38.5629, 0.3605,
0.3094


 38.5629, 0.3605,
0.3094

340.0285, 0.3358,
0.3196

 26.4199, 0.3669,
0.3067


 72.9701, 0.3513,
0.3132

 17.1380, 0.3753,
0.3032


 96.0031, 0.3480,
0.3146

 10.3329, 0.3868,
0.2984


123.4348, 0.3451,
0.3158

 5.6203, 0.4034,
0.2914

155.6496, 0.3427,
0.3168

 2.6156, 0.4293,
0.2804

193.0320, 0.3406,
0.3176

 0.9345, 0.4752,
0.2605

235.9664, 0.3388,


 0.0000, 1.0000,


0.3184

0.0000

284.8371, 0.3372,
0.3190

 0.0000, 0.0000,
0.0000


 38.5629, 0.3605,
0.3094


 38.5629, 0.3605,
0.3094


 31.8569, 0.3845,
0.3025

 46.5667, 0.3408,
0.3164


 26.3748, 0.4132,
0.2961


 55.9265, 0.3248,
0.3231

 22.0436, 0.4467,
0.2911

 66.7032, 0.3118,
0.3295

 18.7800, 0.4839,
0.2886

 78.9526, 0.3012,
0.3353

 16.4895, 0.5227,
0.2895

 92.0837, 0.2926,
0.3396

■ 15.0609, 0.5595,
0.2946

■ 92.7320, 0.2871,
0.3289

■ 14.3116, 0.5905,
0.3032

■ 14.2641, 0.5927,
0.3039

Harmonies

Analogous

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



38.5629, 0.3238, 0.2842



38.5629, 0.3605, 0.3094



38.5629, 0.3843, 0.3400

Triad

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



38.5629, 0.3605, 0.3094



38.5629, 0.3364, 0.3969



38.5629, 0.2430, 0.2825

Complementary

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



38.5629, 0.3605, 0.3094



57.5419, 0.2801, 0.3497

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.



38.5629, 0.2460, 0.3110



38.5629, 0.3605, 0.3094



38.5629, 0.2985, 0.3807

Square

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



38.5629, 0.3605, 0.3094



38.5629, 0.3693, 0.3917



38.5629, 0.2657, 0.3478



38.5629, 0.2571, 0.2683

Rectangle

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



38.5629, 0.3605, 0.3094



38.5629, 0.3889, 0.3605



38.5629, 0.2657, 0.3478



38.5629, 0.2420, 0.2906

Sweetspot

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



38.5647, 0.3605, 0.3094



85.1723, 0.3246, 0.3232



38.2338, 0.3009, 0.2534



17.7535, 0.3268, 0.3223



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.



38.5647, 0.3605, 0.3094



52.1047, 0.3747, 0.3051



42.9166, 0.3721, 0.3471



12.4728, 0.3251, 0.3230



8.8231, 0.5892, 0.3019



0.5457, 0.5392, 0.2744

Inverse Universe

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



38.5647, 0.3605, 0.3094



52.1047, 0.3747, 0.3051



51.4037, 0.2687, 0.3101



12.4728, 0.3251, 0.3230



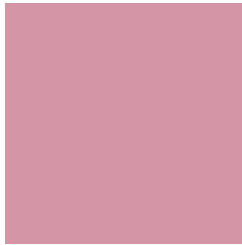
8.8231, 0.5892, 0.3019



0.5457, 0.5392, 0.2744

Previews

White Background



This preview shows how the Yxy color 38.5629, 0.3605, 0.3094 looks on a white background.

Color Contrast Check

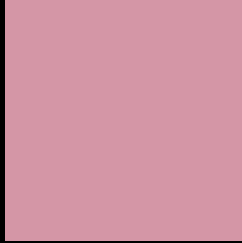
Large Text (above 18pt) WCAG AA × Fail

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 38.5629, 0.3605, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

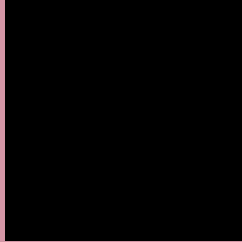
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5629, 0.3605, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 38.5629, 0.3605, 0.3094.



This preview shows how white text looks on a background with the Yxy color 38.5629, 0.3605, 0.3094.

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

38.5629, 0.3605, 0.3094

Protanopia

38.6924, 0.3069, 0.3165

Deuteranopia

38.8353, 0.3330, 0.3264



Tritanopia

38.7389, 0.3644, 0.3155

Trichromacy



Original Color

38.5629, 0.3605, 0.3094

Protanomaly

38.3105, 0.3250, 0.3129

Deuteranomaly

38.7724, 0.3426, 0.3199

Tritanomaly

38.7746, 0.3634, 0.3143

Monochromacy



Original Color

38.5629, 0.3605, 0.3094

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.3732, 0.3283, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5629, 0.3605, 0.3094 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, 150, 166)` looks like.

```
.text, #text, p{  
    color:rgb(212, 150, 166)  
}
```

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, 150, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 150, 166) }
```

Border

The CSS property to change the border of an element to Yxy 38.5629, 0.3605, 0.3094 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, 150, 166) }
```

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

```
.border{ border-color:rgb(212, 150, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 150, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 150, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 150, 166);  
box-shadow:4px 4px 4px 4px rgb(212, 150,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5629, 0.3605, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 150, 166) }
```

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

```
.background{ background-color: rgb(212,  
150, 166) }
```

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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