

Converting Colors

$Yxy(38.6456, 0.3723, 0.3216)$

Have a look what the booklet for
Yxy(38.6456, 0.3723, 0.3216)
contains.

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Color

Yxy(38.5432, 0.3719, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	D6969D
RGB	214, 150, 157
RGB Percent	84%, 59%, 62%
CMY	0.1608, 0.4117, 0.3842
CMYK	0.00, 0.30, 0.27, 0.16
HSL	353°, 44%, 71%
HSV	353°, 30%, 84%
XYZ	44.7245, 38.5432, 36.9919
YIQ	169.9340, 35.8970, 15.7450

Conversions

Conversions Part 2

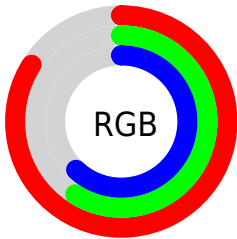
Format	Color
R _{YB}	214, 150, 157
Decimal	14063261
CIE Lab	68.42, 25.03, 6.00
CIE LCh	68, 25.734, 13.472
Yxy	38.5432, 0.3719, 0.3205
Android (android.graphics.Color)	4292253341 (0xFFD6969D)
YUV	169.9340, -6.3765, 38.6459
Hunter-Lab	62.0832, 19.9454, 8.1307

Details

The Yxy color **38.5432, 0.3719, 0.3205** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.0795, 0.2738, 0.3379**, and the grayscale version is **40.1845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6258, 0.3471, 0.3230**, and **17.2334, 0.3902, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **31.7265, 0.4016, 0.3176**, and if you desaturate by 10%, it is **46.7121, 0.3477, 0.3235**.

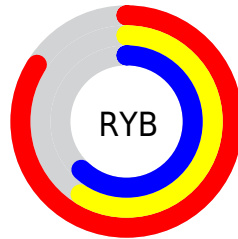
Distribution



Red (84%)

Green (59%)

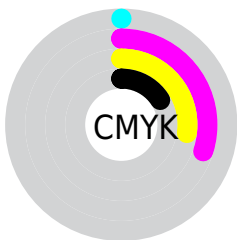
Blue (62%)



Red (84%)

Yellow (59%)

Blue (62%)

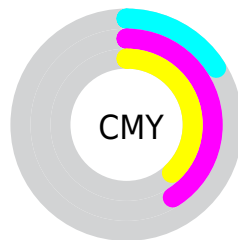


Cyan (0%)

Magenta (30%)

Yellow (27%)

Black (16%)



Cyan (16%)


Magenta (41%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5432, 0.3719, 0.3205 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 38.5432, 0.3719, 0.3205 by changing the saturation by 10% instead.

 38.5432, 0.3719,
0.3205

 38.5432, 0.3719,
0.3205

339.9444, 0.3412,
0.3254

 26.4046, 0.3799,
0.3191


 72.9400, 0.3605,
0.3224

 17.1265, 0.3905,
0.3171


 95.9669, 0.3562,
0.3231

 10.3247, 0.4049,
0.3143


123.3920, 0.3527,
0.3236

 5.6148, 0.4258,
0.3099

155.5997, 0.3497,
0.3241

 2.6123, 0.4586,
0.3023

192.9744, 0.3471,
0.3245

 0.9329, 0.5238,
0.2906

235.9005, 0.3449,


 0.0000, 1.0000,


0.3248

0.0000


284.7624, 0.3429,
0.3251


 0.0000, 0.0000,
0.0000


 38.5432, 0.3719,
0.3205


 38.5432, 0.3719,
0.3205


 31.7265, 0.4016,
0.3176

 46.7121, 0.3477,
0.3235


 26.1839, 0.4373,
0.3151


 56.2949, 0.3282,
0.3263


 21.8378, 0.4786,
0.3135

 67.3562, 0.3126,
0.3290

 18.5997, 0.5233,
0.3133

 79.9548, 0.3000,
0.3315

 16.3691, 0.5670,
0.3150

 92.8619, 0.2897,
0.3317

■ 15.0268, 0.6035,
0.3189

■ 93.0356, 0.2883,
0.3289

■ 14.3646, 0.6281,
0.3235

■ 14.3594, 0.6283,
0.3235

Harmonies

Analogous

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



38.5432, 0.3385, 0.2925



38.5432, 0.3719, 0.3205



38.5432, 0.3886, 0.3518

Triad

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



38.5432, 0.3719, 0.3205



38.5432, 0.3222, 0.3938



38.5432, 0.2460, 0.2750

Complementary

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



38.5432, 0.3719, 0.3205



59.0795, 0.2738, 0.3379

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.



38.5432, 0.2424, 0.2987



38.5432, 0.3719, 0.3205



38.5432, 0.2849, 0.3700

Square

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



38.5432, 0.3719, 0.3205



38.5432, 0.3585, 0.3964



38.5432, 0.2561, 0.3337



38.5432, 0.2661, 0.2666

Rectangle

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



38.5432, 0.3719, 0.3205



38.5432, 0.3875, 0.3713



38.5432, 0.2561, 0.3337



38.5432, 0.2428, 0.2813

Sweetspot

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



38.5450, 0.3719, 0.3205



84.9746, 0.3268, 0.3266



39.8670, 0.3093, 0.2535



17.7052, 0.3294, 0.3262



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.



38.5450, 0.3719, 0.3205



50.5532, 0.3904, 0.3186



46.9769, 0.3705, 0.3591



12.4427, 0.3274, 0.3265



8.6872, 0.6261, 0.3223



0.5316, 0.5915, 0.3032

Inverse Universe

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



38.5450, 0.3719, 0.3205



50.5532, 0.3904, 0.3186



47.9354, 0.2663, 0.2967



12.4427, 0.3274, 0.3265



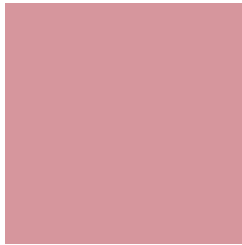
8.6872, 0.6261, 0.3223



0.5316, 0.5915, 0.3032

Previews

White Background



This preview shows how the Yxy color 38.5432, 0.3719, 0.3205 looks on a white background.

Color Contrast Check

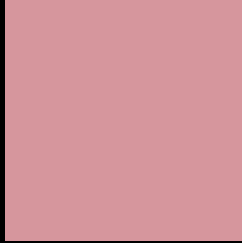
Large Text (above 18pt) WCAG AA × Fail

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 38.5432, 0.3719, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

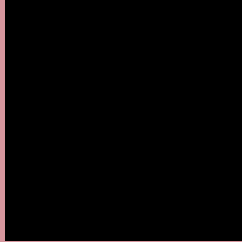
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5432, 0.3719, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 38.5432, 0.3719, 0.3205.



This preview shows how white text looks on a background with the Yxy color 38.5432, 0.3719, 0.3205.

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

38.5432, 0.3719, 0.3205

Protanopia

38.5717, 0.3164, 0.3290

Deuteranopia

38.5477, 0.3446, 0.3372



Tritanopia

38.3642, 0.3680, 0.3144

Trichromacy



Original Color

38.5432, 0.3719, 0.3205

Protanomaly

38.2251, 0.3353, 0.3250

Deuteranomaly

38.3846, 0.3537, 0.3304

Tritanomaly

38.3291, 0.3691, 0.3156

Monochromacy



Original Color

38.5432, 0.3719, 0.3205

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.3501, 0.3329, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5432, 0.3719, 0.3205 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, 150, 157)` looks like.

```
.text, #text, p{  
    color:rgb(214, 150, 157)  
}
```

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, 150, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 150, 157) }
```

Border

The CSS property to change the border of an element to Yxy 38.5432, 0.3719, 0.3205 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, 150, 157) }
```

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

```
.border{ border-color:rgb(214, 150, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 150, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 150, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 150, 157);  
box-shadow:4px 4px 4px 4px rgb(214, 150,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5432, 0.3719, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 150, 157) }
```

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

```
.background{ background-color: rgb(214,  
150, 157) }
```

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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