

Converting Colors

$Yxy(38.2419, 0.3775, 0.3243)$

Have a look what the booklet for
Yxy(38.2419, 0.3775, 0.3243)
contains.

Yxy(38.2419, 0.3775, 0.3243)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.2419, 0.3775, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	D79599
RGB	215, 149, 153
RGB Percent	84%, 58%, 60%
CMY	0.1570, 0.4156, 0.4001
CMYK	0.00, 0.31, 0.29, 0.16
HSL	356°, 45%, 71%
HSV	356°, 31%, 84%
XYZ	44.5153, 38.2419, 35.1642
YIQ	169.1900, 38.0520, 15.2360

Conversions

Conversions Part 2

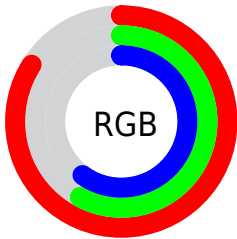
Format	Color
R_{YB}	215, 149, 153
Decimal	14128537
CIE _{Lab}	68.20, 25.37, 7.95
CIE _{LCh}	68, 26.586, 17.404
Yxy	38.2419, 0.3775, 0.3243
Android (android.graphics.Color)	4292318617 (0xFFD79599)
YUV	169.1900, -7.9817, 40.1754
Hunter-Lab	61.8400, 20.2725, 9.5739

Details

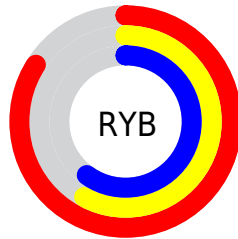
The Yxy color **38.2419, 0.3775, 0.3243** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.6844, 0.2711, 0.3339**, and the grayscale version is **39.8016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9507, 0.3504, 0.3260**, and **17.0656, 0.3983, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **31.4445, 0.4095, 0.3228**, and if you desaturate by 10%, it is **46.4114, 0.3514, 0.3259**.

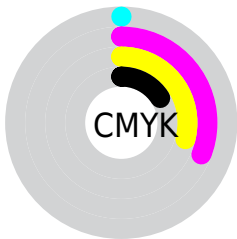
Distribution



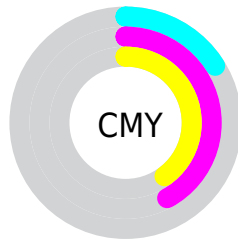
- Red (84%)
- Green (58%)
- Blue (60%)



- Red (84%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (16%)




- Cyan (16%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2419, 0.3775, 0.3243 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 38.2419, 0.3775, 0.3243 by changing the saturation by 10% instead.


 38.2419, 0.3775,
0.3243


 38.2419, 0.3775,
0.3243


338.6565, 0.3438,
0.3274

 26.1705, 0.3864,
0.3233


 72.4788, 0.3649,
0.3256

 16.9512, 0.3980,
0.3218


 95.4130, 0.3603,
0.3260

 10.1997, 0.4139,
0.3196


122.7370, 0.3564,
0.3264

 5.5316, 0.4369,
0.3159

154.8350, 0.3531,
0.3266

 2.5624, 0.4730,
0.3091

192.0916, 0.3503,
0.3269

 0.9078, 0.5530,
0.3028

234.8912, 0.3478,


 0.0000, 1.0000,

0.3271


0.0000


283.6180, 0.3457,
0.3272


 0.0000, 0.0000,
0.0000


 38.2419, 0.3775,
0.3243


 38.2419, 0.3775,
0.3243


 31.4445, 0.4095,
0.3228

 46.4114, 0.3514,
0.3259


 25.9391, 0.4479,
0.3216


 56.0169, 0.3305,
0.3274


 21.6452, 0.4918,
0.3209

 67.1246, 0.3137,
0.3289

 18.4717, 0.5383,
0.3211

 79.7950, 0.3003,
0.3302

 16.3139, 0.5820,
0.3224

 93.1201, 0.2894,
0.3299

■ 15.0480, 0.6158,
0.3248

■ 93.1836, 0.2888,
0.3289

■ 14.4725, 0.6348,
0.3270

Harmonies

Analogous

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



38.2419, 0.3445, 0.2947



38.2419, 0.3775, 0.3243



38.2419, 0.3919, 0.3566

Triad

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



38.2419, 0.3775, 0.3243



38.2419, 0.3173, 0.3942



38.2419, 0.2455, 0.2711

Complementary

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



38.2419, 0.3775, 0.3243



59.6844, 0.2711, 0.3339

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.



38.2419, 0.2395, 0.2935



38.2419, 0.3775, 0.3243



38.2419, 0.2793, 0.3671

Square

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



38.2419, 0.3775, 0.3243



38.2419, 0.3556, 0.3998



38.2419, 0.2514, 0.3287



38.2419, 0.2684, 0.2646

Rectangle

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



38.2419, 0.3775, 0.3243



38.2419, 0.3887, 0.3763



38.2419, 0.2514, 0.3287



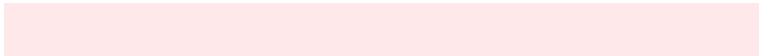
38.2419, 0.2415, 0.2768

Sweetspot

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



38.2437, 0.3775, 0.3243



84.9091, 0.3276, 0.3277



40.1928, 0.3122, 0.2522



17.6892, 0.3303, 0.3275



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.



38.2437, 0.3775, 0.3243



49.3925, 0.3982, 0.3233



48.2962, 0.3713, 0.3638



12.4328, 0.3282, 0.3276



8.6636, 0.6332, 0.3262



0.5269, 0.6122, 0.3146

Inverse Universe

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



38.2437, 0.3775, 0.3243



49.3925, 0.3982, 0.3233



46.5810, 0.2645, 0.2913



12.4328, 0.3282, 0.3276



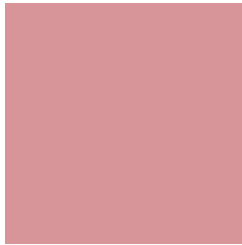
8.6636, 0.6332, 0.3262



0.5269, 0.6122, 0.3146

Previews

White Background



This preview shows how the Yxy color 38.2419, 0.3775, 0.3243 looks on a white background.

Color Contrast Check

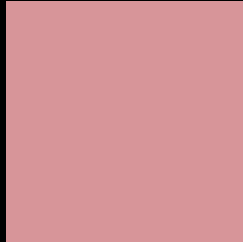
Large Text (above 18pt) WCAG AA × Fail

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 38.2419, 0.3775, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

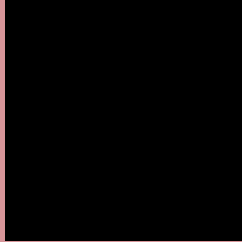
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2419, 0.3775, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 38.2419, 0.3775, 0.3243.



This preview shows how white text looks on a background with the Yxy color 38.2419, 0.3775, 0.3243.

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

38.2419, 0.3775, 0.3243

Protanopia

38.5390, 0.3209, 0.3346

Deuteranopia

38.4155, 0.3485, 0.3426



Tritanopia

38.2819, 0.3725, 0.3157

Trichromacy



Original Color

38.2419, 0.3775, 0.3243

Protanomaly

38.2096, 0.3401, 0.3304

Deuteranomaly

38.3867, 0.3587, 0.3357

Tritanomaly

38.2131, 0.3746, 0.3181

Monochromacy



Original Color

38.2419, 0.3775, 0.3243

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.9241, 0.3349, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2419, 0.3775, 0.3243 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(215, 149, 153)` looks like.

```
.text, #text, p{  
    color:rgb(215, 149, 153)  
}
```

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(215, 149, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 149, 153) }
```

Border

The CSS property to change the border of an element to Yxy 38.2419, 0.3775, 0.3243 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(215, 149, 153) }
```

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

```
.border{ border-color:rgb(215, 149, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 149, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 149, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 149, 153);  
box-shadow:4px 4px 4px 4px rgb(215, 149,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2419, 0.3775, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 149, 153) }
```

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

```
.background{ background-color: rgb(215,  
149, 153) }
```

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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