

Converting Colors

$Yxy(38.3975, 0.3434, 0.3255)$

Have a look what the booklet for
Yxy(38.3975, 0.3434, 0.3255)
contains.

Yxy(38.2334, 0.3435, 0.3251)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.2334, 0.3435, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	C09EA1
RGB	192, 158, 161
RGB Percent	75%, 62%, 63%
CMY	0.2471, 0.3804, 0.3686
CMYK	0.00, 0.18, 0.16, 0.25
HSL	355°, 21%, 69%
HSV	355°, 18%, 75%
XYZ	40.3973, 38.2334, 38.9743
YIQ	168.5080, 19.3010, 8.1410

Conversions

Conversions Part 2

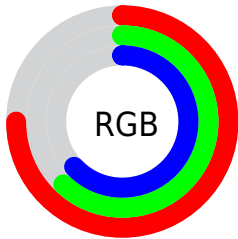
Format	Color
R_{YB}	192, 158, 161
Decimal	12623521
CIE _{Lab}	68.19, 13.03, 3.15
CIE _{LCh}	68, 13.409, 13.606
Yxy	38.2334, 0.3435, 0.3251
Android (android.graphics.Color)	4290813601 (0xFFC09EA1)
YUV	168.5080, -3.7014, 20.6025
Hunter-Lab	61.8332, 8.4110, 5.9119

Details

The Yxy color **38.2334, 0.3435, 0.3251** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6391, 0.2884, 0.3330**, and the grayscale version is **39.4330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6861, 0.3375, 0.3260**, and **17.0445, 0.3523, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **31.6137, 0.3669, 0.3228**, and if you desaturate by 10%, it is **45.9662, 0.3247, 0.3274**.

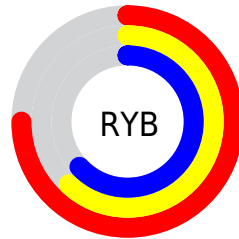
Distribution



Red (75%)

Green (62%)

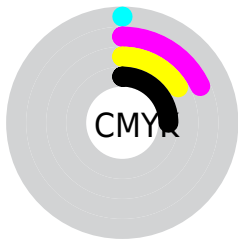
Blue (63%)



Red (75%)

Yellow (62%)

Blue (63%)

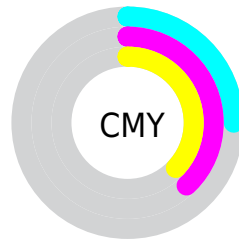


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2334, 0.3435, 0.3251 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 38.2334, 0.3435, 0.3251 by changing the saturation by 10% instead.

 38.2334, 0.3435,
0.3251

 38.2334, 0.3435,
0.3251


338.6201, 0.3275,
0.3273

 26.1639, 0.3477,
0.3245


 72.4657, 0.3376,
0.3259

 16.9463, 0.3532,
0.3237


 95.3974, 0.3354,
0.3262

 10.1962, 0.3607,
0.3225


122.7185, 0.3335,
0.3265

 5.5292, 0.3717,
0.3207

154.8134, 0.3320,
0.3267

 2.5610, 0.3892,
0.3176

192.0667, 0.3306,
0.3269

 0.9071, 0.4231,
0.3126

234.8627, 0.3295,

 0.0000, 1.0000,

0.3270

0.0000

283.5857, 0.3284,
0.3271

0.0000, 0.0000,
0.0000

38.2334, 0.3435,
0.3251

38.2334, 0.3435,
0.3251

31.6137, 0.3669,
0.3228

45.9662, 0.3247,
0.3274

26.0510, 0.3957,
0.3204

54.8545, 0.3095,
0.3295

21.4921, 0.4306,
0.3184

64.9450, 0.2973,
0.3314

17.8770, 0.4713,
0.3169

76.2801, 0.2874,
0.3332

15.1397, 0.5159,
0.3165

88.9003, 0.2794,
0.3347

■ 13.2051, 0.5606,
0.3176

■ 89.9454, 0.2762,
0.3289

■ 11.9861, 0.5991,
0.3204

■ 11.3554, 0.6259,
0.3242

■ 11.2458, 0.6305,
0.3247

Harmonies

Analogous

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



38.2334, 0.3265, 0.3095



38.2334, 0.3435, 0.3251



38.2334, 0.3520, 0.3422

Triad

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



38.2334, 0.3435, 0.3251



38.2334, 0.3182, 0.3618



38.2334, 0.2769, 0.3007

Complementary

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



38.2334, 0.3435, 0.3251



48.6391, 0.2884, 0.3330

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.



38.2334, 0.2750, 0.3138



38.2334, 0.3435, 0.3251



38.2334, 0.2984, 0.3498

Square

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



38.2334, 0.3435, 0.3251



38.2334, 0.3371, 0.3640



38.2334, 0.2827, 0.3319



38.2334, 0.2882, 0.2954

Rectangle

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



38.2334, 0.3435, 0.3251



38.2334, 0.3516, 0.3523



38.2334, 0.2827, 0.3319



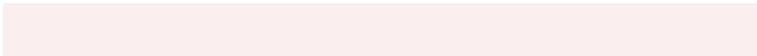
38.2334, 0.2752, 0.3043

Sweetspot

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



38.2351, 0.3435, 0.3251



87.3118, 0.3204, 0.3279



39.0283, 0.3116, 0.2853



18.4954, 0.3215, 0.3278



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.2351, 0.3435, 0.3251



64.6968, 0.3514, 0.3243



43.0276, 0.3434, 0.3469



10.0920, 0.3275, 0.3270



7.5730, 0.6288, 0.3238



0.3322, 0.5921, 0.3036

Inverse Universe

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



38.2351, 0.3435, 0.3251



64.6968, 0.3514, 0.3243



43.0746, 0.2855, 0.3104



10.0920, 0.3275, 0.3270



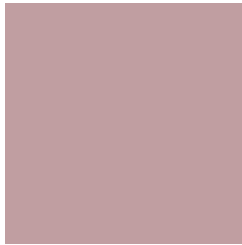
7.5730, 0.6288, 0.3238



0.3322, 0.5921, 0.3036

Previews

White Background



This preview shows how the Yxy color 38.2334, 0.3435, 0.3251 looks on a white background.

Color Contrast Check

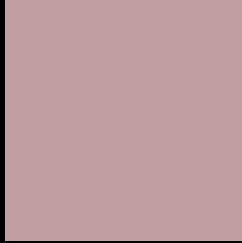
Large Text (above 18pt) WCAG AA × Fail

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 38.2334, 0.3435, 0.3251 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 38.2334, 0.3435, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 38.2334, 0.3435, 0.3251.



This preview shows how white text looks on a background with the Yxy color 38.2334, 0.3435, 0.3251.

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

38.2334, 0.3435, 0.3251

Protanopia

38.5351, 0.3173, 0.3304

Deuteranopia

38.3421, 0.3369, 0.3304



Tritanopia

38.3160, 0.3370, 0.3133

Trichromacy



Original Color

38.2334, 0.3435, 0.3251

Protanomaly

38.3397, 0.3261, 0.3277

Deuteranomaly

38.3710, 0.3401, 0.3291

Tritanomaly

38.2046, 0.3399, 0.3172

Monochromacy



Original Color

38.2334, 0.3435, 0.3251

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0106, 0.3231, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2334, 0.3435, 0.3251 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(192, 158, 161)` looks like.

```
.text, #text, p{  
    color:rgb(192, 158, 161)  
}
```

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(192, 158, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 158, 161) }
```

Border

The CSS property to change the border of an element to Yxy 38.2334, 0.3435, 0.3251 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(192, 158, 161) }
```

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

```
.border{ border-color:rgb(192, 158, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 158, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 158, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 158, 161);  
box-shadow:4px 4px 4px 4px rgb(192, 158,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2334, 0.3435, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 158, 161) }
```

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

```
.background{ background-color: rgb(192,  
158, 161) }
```

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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