

Converting Colors

$Yxy(38.7662, 0.3345, 0.3228)$

Have a look what the booklet for
Yxy(38.7662, 0.3345, 0.3228)
contains.

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Color

Yxy(38.8977, 0.3352, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	BCA1A5
RGB	188, 161, 165
RGB Percent	74%, 63%, 65%
CMY	0.2627, 0.3686, 0.3529
CMYK	0.00, 0.14, 0.12, 0.26
HSL	351°, 17%, 68%
HSV	351°, 14%, 74%
XYZ	40.2796, 38.8977, 40.9886
YIQ	169.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

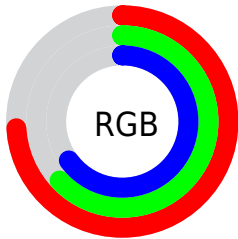
Format	Color
RYB	188, 161, 165
Decimal	12362149
CIELab	68.68, 10.58, 1.58
CIElCh	69, 10.696, 8.521
Yxy	38.8977, 0.3352, 0.3237
Android (android.graphics.Color)	4290552229 (0xFFBCA1A5)
YUV	169.5290, -2.2328, 16.1991
Hunter-Lab	62.3680, 6.1380, 4.6919




Details

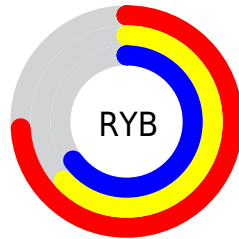
The Yxy color **38.8977, 0.3352, 0.3237** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.0118, 0.2940, 0.3344**, and the grayscale version is **39.9597, 0.3127, 0.3290**.




A 20% lighter version of the original color is **73.5121, 0.3305, 0.3249**, and **17.1979, 0.3420, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **32.2679, 0.3555, 0.3198**, and if you desaturate by 10%, it is **46.5920, 0.3188, 0.3274**.

Distribution







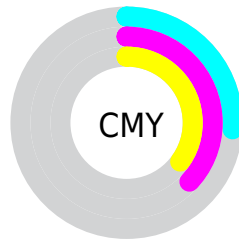
-  Red (74%)
-  Green (63%)
-  Blue (65%)






-  Red (74%)
-  Yellow (63%)
-  Blue (65%)



-  Cyan (0%)
-  Magenta (14%)
-  Yellow (12%)
-  Black (26%)




-  Cyan (26%)
-  Magenta (37%)
-  Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8977, 0.3352, 0.3237 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 38.8977, 0.3352, 0.3237 by changing the saturation by 10% instead.


 38.8977, 0.3352,
0.3237


 38.8977, 0.3352,
0.3237


341.4554, 0.3236,
0.3265

 26.6802, 0.3382,
0.3230


 73.4820, 0.3309,
0.3247

 17.3332, 0.3422,
0.3220


 96.6176, 0.3293,
0.3251

 10.4723, 0.3476,
0.3206


124.1613, 0.3280,
0.3255

 5.7132, 0.3555,
0.3186

156.4975, 0.3268,
0.3257

 2.6715, 0.3679,
0.3153

194.0106, 0.3258,
0.3260

 0.9627, 0.3905,
0.3092

237.0850, 0.3250,

 0.0000, 1.0000,

0.3262

0.0000

286.1051, 0.3243,
0.3263

0.0000, 0.0000,
0.0000

38.8977, 0.3352,
0.3237

38.8977, 0.3352,
0.3237

32.2679, 0.3555,
0.3198

46.5920, 0.3188,
0.3274

26.6508, 0.3804,
0.3158

55.3894, 0.3056,
0.3309

21.9980, 0.4108,
0.3120

65.3328, 0.2949,
0.3341

18.2551, 0.4468,
0.3089

76.4616, 0.2862,
0.3370

15.3621, 0.4876,
0.3071

88.8091, 0.2791,
0.3396

■ 13.2522, 0.5307,
0.3074

■ 89.4337, 0.2742,
0.3289

■ 11.8481, 0.5718,
0.3103

■ 11.0569, 0.6053,
0.3158

■ 10.7773, 0.6199,
0.3188

Harmonies

Analogous

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



38.8977, 0.3211, 0.3116



38.8977, 0.3352, 0.3237



38.8977, 0.3433, 0.3374

Triad

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



38.8977, 0.3352, 0.3237



38.8977, 0.3199, 0.3557



38.8977, 0.2834, 0.3080

Complementary

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



38.8977, 0.3352, 0.3237



47.0118, 0.2940, 0.3344

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.



38.8977, 0.2831, 0.3194



38.8977, 0.3352, 0.3237



38.8977, 0.3039, 0.3474

Square

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



38.8977, 0.3352, 0.3237



38.8977, 0.3342, 0.3562



38.8977, 0.2906, 0.3339



38.8977, 0.2913, 0.3025

Rectangle

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



38.8977, 0.3352, 0.3237



38.8977, 0.3440, 0.3458



38.8977, 0.2906, 0.3339



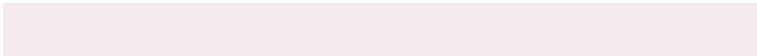
38.8977, 0.2824, 0.3112

Sweetspot

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



38.8994, 0.3352, 0.3237



84.8809, 0.3184, 0.3276



39.3063, 0.3106, 0.2936



18.0111, 0.3195, 0.3273



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



38.8994, 0.3352, 0.3237



66.7972, 0.3407, 0.3226



42.1869, 0.3372, 0.3416



9.5589, 0.3266, 0.3256



7.3432, 0.6175, 0.3175



0.2951, 0.5610, 0.2864

Inverse Universe

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



38.8994, 0.3352, 0.3237



66.7972, 0.3407, 0.3226



43.2728, 0.2907, 0.3160



9.5589, 0.3266, 0.3256



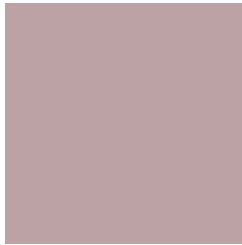
7.3432, 0.6175, 0.3175



0.2951, 0.5610, 0.2864

Previews

White Background



This preview shows how the Yxy color 38.8977, 0.3352, 0.3237 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 38.8977, 0.3352, 0.3237 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

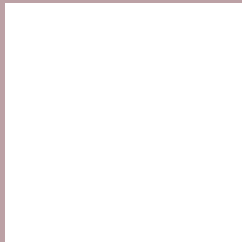
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.8977, 0.3352, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 38.8977, 0.3352, 0.3237.



This preview shows how white text looks on a background with the Yxy color 38.8977, 0.3352, 0.3237.

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

38.8977, 0.3352, 0.3237

Protanopia

39.0106, 0.3146, 0.3276

Deuteranopia

38.8716, 0.3321, 0.3250



Tritanopia

38.9390, 0.3298, 0.3132

Trichromacy



Original Color

38.8977, 0.3352, 0.3237

Protanomaly

39.0474, 0.3222, 0.3263

Deuteranomaly

38.9964, 0.3331, 0.3250

Tritanomaly

38.8250, 0.3326, 0.3171

Monochromacy



Original Color

38.8977, 0.3352, 0.3237

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.8117, 0.3211, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8977, 0.3352, 0.3237 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(188, 161, 165)` looks like.

```
.text, #text, p{  
    color:rgb(188, 161, 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(188, 161, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 161, 165) }
```

Border

The CSS property to change the border of an element to Yxy 38.8977, 0.3352, 0.3237 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(188, 161, 165) }
```

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

```
.border{ border-color:rgb(188, 161, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 161, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 161, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 161, 165);  
box-shadow:4px 4px 4px 4px rgb(188, 161,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8977, 0.3352, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 161, 165) }
```

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

```
.background{ background-color: rgb(188,  
161, 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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