

Converting Colors

$Yxy(38.5045, 0.3348, 0.3381)$

Have a look what the booklet for
Yxy(38.5045, 0.3348, 0.3381)
contains.

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Color

Yxy(38.3320, 0.3345, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	B4A39D
RGB	180, 163, 157
RGB Percent	71%, 64%, 62%
CMY	0.2939, 0.3608, 0.3843
CMYK	0.00, 0.09, 0.13, 0.29
HSL	16°, 13%, 66%
HSV	16°, 13%, 71%
XYZ	38.0138, 38.3320, 37.2978
YIQ	167.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

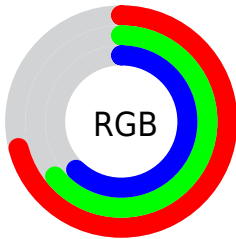
Format	Color
RYB	180, 165, 157
Decimal	11838365
CIELab	68.26, 5.18, 5.35
CIElCh	68, 7.442, 45.912
Yxy	38.3320, 0.3345, 0.3373
Android (android.graphics.Color)	4290028445 (0xFFB4A39D)
YUV	167.3990, -5.1267, 11.0511
Hunter-Lab	61.9128, 1.2495, 7.6212

Details

The Yxy color **38.3320, 0.3345, 0.3373** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7647, 0.2933, 0.3206**, and the grayscale version is **38.8728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7291, 0.3300, 0.3354**, and **16.9215, 0.3410, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **33.2761, 0.3553, 0.3443**, and if you desaturate by 10%, it is **43.9811, 0.3171, 0.3307**.

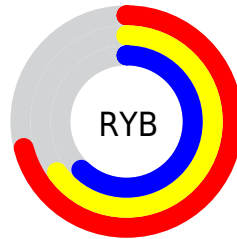
Distribution



Red (71%)

Green (64%)

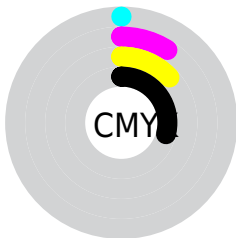
Blue (62%)



Red (71%)

Yellow (65%)

Blue (62%)

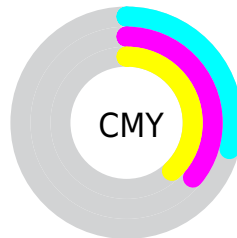


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (29%)



Cyan (29%)


Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3320, 0.3345, 0.3373 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 38.3320, 0.3345, 0.3373 by changing the saturation by 10% instead.

 38.3320, 0.3345,
0.3373


 38.3320, 0.3345,
0.3373


339.0420, 0.3232,
0.3331

 26.2405, 0.3375,
0.3384


 72.6167, 0.3303,
0.3358

 17.0036, 0.3414,
0.3397


 95.5787, 0.3287,
0.3352

 10.2371, 0.3467,
0.3416


122.9329, 0.3274,
0.3347

 5.5564, 0.3545,
0.3442

155.0639, 0.3263,
0.3343

 2.5773, 0.3668,
0.3480

192.3558, 0.3254,
0.3339

 0.9153, 0.3954,
0.3599


235.1932, 0.3246,


 0.0000, 0.0000,


0.3336


0.0000


283.9605, 0.3238,
0.3334


 38.3320, 0.3345,
0.3373


 38.3320, 0.3345,
0.3373


 33.2761, 0.3553,
0.3443


 43.9811, 0.3171,
0.3307


 28.7889, 0.3800,
0.3514


 50.2367, 0.3025,
0.3247


 24.8517, 0.4090,
0.3584

 57.1182, 0.2902,
0.3191

 21.4429, 0.4423,
0.3646

 64.6423, 0.2799,
0.3140

 18.5393, 0.4791,
0.3692

 72.8254, 0.2712,
0.3094

■ 16.1160, 0.5177,
0.3711

■ 81.0195, 0.2687,
0.3158

■ 14.1457, 0.5548,
0.3693

■ 88.4488, 0.2701,
0.3289

■ 12.5981, 0.5865,
0.3633

■ 11.7196, 0.6053,
0.3576

Harmonies

Analogous

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



38.3320, 0.3303, 0.3277



38.3320, 0.3345, 0.3373



38.3320, 0.3328, 0.3449

Triad

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



38.3320, 0.3345, 0.3373



38.3320, 0.3040, 0.3397



38.3320, 0.2998, 0.3101

Complementary

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



38.3320, 0.3345, 0.3373



40.7647, 0.2933, 0.3206

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.



38.3320, 0.2930, 0.3129



38.3320, 0.3345, 0.3373



38.3320, 0.2954, 0.3300

Square

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



38.3320, 0.3345, 0.3373



38.3320, 0.3151, 0.3465



38.3320, 0.2914, 0.3201



38.3320, 0.3101, 0.3123

Rectangle

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



38.3320, 0.3345, 0.3373



38.3320, 0.3285, 0.3478



38.3320, 0.2914, 0.3201



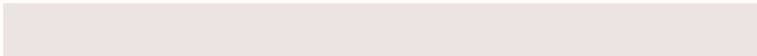
38.3320, 0.2970, 0.3105

Sweetspot

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



38.3337, 0.3345, 0.3373



78.3372, 0.3191, 0.3316



36.8936, 0.3194, 0.3056



16.7607, 0.3203, 0.3320



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.3337, 0.3345, 0.3373



67.1132, 0.3393, 0.3390



42.5265, 0.3325, 0.3525



8.8520, 0.3281, 0.3350



8.2700, 0.6032, 0.3593



0.3567, 0.5481, 0.4030

Inverse Universe

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



40.7647, 0.2933, 0.3206



72.2773, 0.2896, 0.3188



36.5789, 0.2929, 0.3043



9.2508, 0.2986, 0.3230



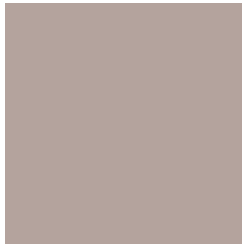
14.1764, 0.2011, 0.2439



0.5342, 0.2084, 0.2704

Previews

White Background



This preview shows how the Yxy color 38.3320, 0.3345, 0.3373 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 38.3320, 0.3345, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

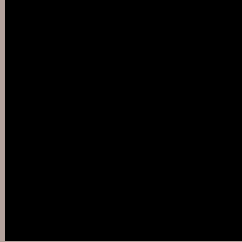
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3320, 0.3345, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 38.3320, 0.3345, 0.3373.



This preview shows how white text looks on a background with the Yxy color 38.3320, 0.3345, 0.3373.

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

38.3320, 0.3345, 0.3373

Protanopia

38.4336, 0.3235, 0.3389

Deuteranopia

38.3632, 0.3408, 0.3345



Tritanopia

38.4520, 0.3220, 0.3129

Trichromacy



Original Color

38.3320, 0.3345, 0.3373

Protanomaly

38.3776, 0.3274, 0.3388

Deuteranomaly

38.4653, 0.3386, 0.3359

Tritanomaly

38.4544, 0.3264, 0.3222

Monochromacy



Original Color

38.3320, 0.3345, 0.3373

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.6874, 0.3209, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3320, 0.3345, 0.3373 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(180, 163, 157)` looks like.

```
.text, #text, p{  
    color:rgb(180, 163, 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(180, 163, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 163, 157) }
```

Border

The CSS property to change the border of an element to Yxy 38.3320, 0.3345, 0.3373 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(180, 163, 157) }
```

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

```
.border{ border-color:rgb(180, 163, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 163, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 163, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 163, 157);  
box-shadow:4px 4px 4px 4px rgb(180, 163,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3320, 0.3345, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 163, 157) }
```

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

```
.background{ background-color: rgb(180,  
163, 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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