

Converting Colors

$Yxy(38.5616, 0.3321, 0.3339)$

Have a look what the booklet for
Yxy(38.5616, 0.3321, 0.3339)
contains.

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Color

Yxy(38.4357, 0.3317, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	B4A3A0
RGB	180, 163, 160
RGB Percent	71%, 64%, 63%
CMY	0.2941, 0.3608, 0.3726
CMYK	0.00, 0.09, 0.11, 0.29
HSL	9°, 12%, 67%
HSV	9°, 11%, 71%
XYZ	38.2627, 38.4357, 38.6549
YIQ	167.7410, 11.0950, 2.6710

Conversions

Conversions Part 2

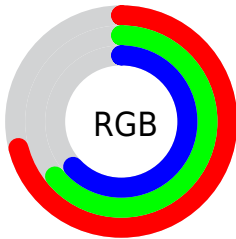
Format	Color
RYB	180, 164, 160
Decimal	11838368
CIELab	68.34, 5.65, 3.80
CIELCh	68, 6.810, 33.905
Yxy	38.4357, 0.3317, 0.3332
Android (android.graphics.Color)	4290028448 (0xFFB4A3A0)
YUV	167.7410, -3.8163, 10.7511
Hunter-Lab	61.9965, 1.6717, 6.4302

Details

The Yxy color **38.4357, 0.3317, 0.3332** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2023, 0.2959, 0.3248**, and the grayscale version is **39.0394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8820, 0.3279, 0.3322**, and **16.9850, 0.3371, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **32.7485, 0.3527, 0.3373**, and if you desaturate by 10%, it is **44.8735, 0.3144, 0.3294**.

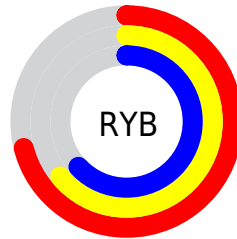
Distribution



Red (71%)

Green (64%)

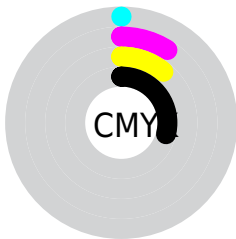
Blue (63%)



Red (71%)

Yellow (64%)

Blue (63%)

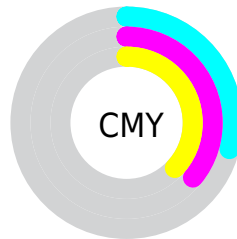


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4357, 0.3317, 0.3332 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 38.4357, 0.3317, 0.3332 by changing the saturation by 10% instead.


 38.4357, 0.3317,
0.3332


 38.4357, 0.3317,
0.3332


339.4853, 0.3219,
0.3311

 26.3210, 0.3343,
0.3337


 72.7755, 0.3280,
0.3324

 17.0640, 0.3377,
0.3344


 95.7693, 0.3267,
0.3322

 10.2801, 0.3423,
0.3353


123.1584, 0.3256,
0.3319

 5.5851, 0.3491,
0.3365

155.3270, 0.3246,
0.3317

 2.5945, 0.3598,
0.3383

192.6597, 0.3238,
0.3315

 0.9239, 0.3819,
0.3433

235.5407, 0.3231,

 0.0000, 0.0000,


0.3314

0.0000


284.3544, 0.3224,
0.3312


 38.4357, 0.3317,
0.3332


 38.4357, 0.3317,
0.3332


 32.7485, 0.3527,
0.3373


 44.8735, 0.3144,
0.3294


 27.7796, 0.3782,
0.3415


 52.0826, 0.3002,
0.3259

 23.5019, 0.4088,
0.3456

 60.0892, 0.2885,
0.3227

 19.8845, 0.4447,
0.3492

 68.9167, 0.2788,
0.3198

 16.8944, 0.4852,
0.3518

 78.5877, 0.2707,
0.3172

■ 14.4956, 0.5282,
0.3526

■ 88.2589, 0.2700,
0.3286

■ 12.6482, 0.5694,
0.3509

■ 88.4425, 0.2701,
0.3289

■ 11.3075, 0.6035,
0.3464

■ 10.4934, 0.6255,
0.3416

Harmonies

Analogous

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



38.4357, 0.3259, 0.3243



38.4357, 0.3317, 0.3332



38.4357, 0.3323, 0.3411

Triad

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



38.4357, 0.3317, 0.3332



38.4357, 0.3087, 0.3417



38.4357, 0.2979, 0.3122

Complementary

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



38.4357, 0.3317, 0.3332



42.2023, 0.2959, 0.3248

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.



38.4357, 0.2935, 0.3165



38.4357, 0.3317, 0.3332



38.4357, 0.2996, 0.3336

Square

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



38.4357, 0.3317, 0.3332



38.4357, 0.3189, 0.3463



38.4357, 0.2941, 0.3243



38.4357, 0.3063, 0.3124

Rectangle

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



38.4357, 0.3317, 0.3332



38.4357, 0.3297, 0.3448



38.4357, 0.2941, 0.3243



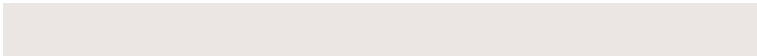
38.4357, 0.2959, 0.3132

Sweetspot

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



38.4374, 0.3317, 0.3332



79.0019, 0.3175, 0.3301



38.0148, 0.3166, 0.3061



16.8670, 0.3188, 0.3304



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.



38.4374, 0.3317, 0.3332



67.4139, 0.3358, 0.3340



42.1244, 0.3301, 0.3467



8.7054, 0.3283, 0.3325



7.3883, 0.6239, 0.3428



0.2966, 0.5798, 0.3778

Inverse Universe

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



42.2023, 0.2959, 0.3248



75.4200, 0.2927, 0.3239



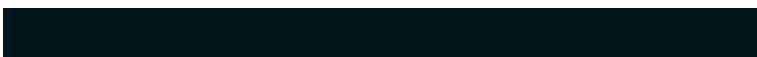
38.4019, 0.2957, 0.3107



9.4088, 0.2986, 0.3255



18.2436, 0.2114, 0.2811



0.6330, 0.2155, 0.2958

Previews

White Background



This preview shows how the Yxy color 38.4357, 0.3317, 0.3332 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 38.4357, 0.3317, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

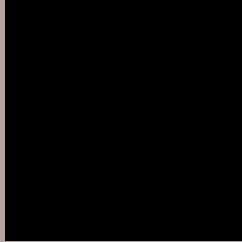
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4357, 0.3317, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 38.4357, 0.3317, 0.3332.



This preview shows how white text looks on a background with the Yxy color 38.4357, 0.3317, 0.3332.

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

38.4357, 0.3317, 0.3332

Protanopia

38.5390, 0.3209, 0.3346

Deuteranopia

38.3421, 0.3369, 0.3304



Tritanopia

38.4908, 0.3211, 0.3115

Trichromacy



Original Color

38.4357, 0.3317, 0.3332

Protanomaly

38.4821, 0.3247, 0.3346

Deuteranomaly

38.4460, 0.3348, 0.3318

Tritanomaly

38.5290, 0.3246, 0.3195

Monochromacy



Original Color

38.4357, 0.3317, 0.3332

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7597, 0.3192, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4357, 0.3317, 0.3332 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(180, 163, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 163, 160) }
```

Border

The CSS property to change the border of an element to Yxy 38.4357, 0.3317, 0.3332 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, 160) }
```

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

```
.border{ border-color:rgb(180, 163, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 163, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 163, 160);  
box-shadow:4px 4px 4px 4px rgb(180, 163,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4357, 0.3317, 0.3332 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, 160) }
```

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

```
.background{ background-color: rgb(180,  
163, 160) }
```

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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