

Converting Colors

$Yxy(38.2602, 0.3243, 0.3359)$

Have a look what the booklet for
Yxy(38.2602, 0.3243, 0.3359)
contains.

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Color

Yxy(38.3326, 0.3247, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	ADA5A0
RGB	173, 165, 160
RGB Percent	68%, 65%, 63%
CMY	0.3214, 0.3530, 0.3725
CMYK	0.00, 0.05, 0.08, 0.32
HSL	23°, 7%, 65%
HSV	23°, 8%, 68%
XYZ	37.0434, 38.3326, 38.7091
YIQ	166.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

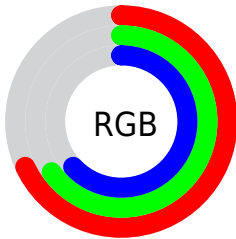
Format	Color
RYB	173, 168, 160
Decimal	11380128
CIELab	68.27, 2.01, 3.60
CIELCh	68, 4.127, 60.793
Yxy	38.3326, 0.3247, 0.3360
Android (android.graphics.Color)	4289570208 (0xFFADA5A0)
YUV	166.8220, -3.3632, 5.4181
Hunter-Lab	61.9133, -1.5498, 6.2704

Details

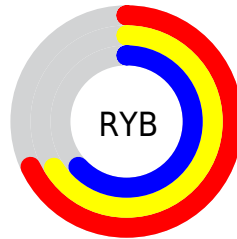
The Yxy color **38.3326, 0.3247, 0.3360** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.5288, 0.3013, 0.3219**, and the grayscale version is **38.5711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5867, 0.3218, 0.3344**, and **16.9793, 0.3284, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **34.0689, 0.3429, 0.3458**, and if you desaturate by 10%, it is **43.0072, 0.3091, 0.3268**.

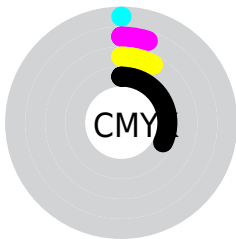
Distribution



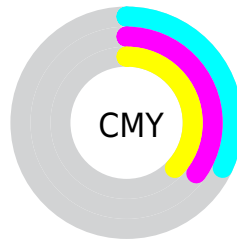
- Red (68%)
- Green (65%)
- Blue (63%)



- Red (68%)
- Yellow (66%)
- Blue (63%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (32%)





- Cyan (32%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3326, 0.3247, 0.3360 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 38.3326, 0.3247, 0.3360 by changing the saturation by 10% instead.


 38.3326, 0.3247,
0.3360


 38.3326, 0.3247,
0.3360


339.0446, 0.3185,
0.3324

 26.2409, 0.3263,
0.3369


 72.6176, 0.3224,
0.3347

 17.0040, 0.3284,
0.3381


 95.5798, 0.3215,
0.3342

 10.2373, 0.3314,
0.3398


122.9342, 0.3208,
0.3338

 5.5566, 0.3356,
0.3422

155.0654, 0.3202,
0.3334

 2.5774, 0.3424,
0.3459

192.3576, 0.3197,
0.3331

 0.9153, 0.3569,
0.3546

235.1953, 0.3193,

 0.0000, 0.0000,

0.3329

0.0000

283.9628, 0.3189,
0.3326

■ 38.3326, 0.3247,
0.3360

■ 38.3326, 0.3247,
0.3360

■ 34.0689, 0.3429,
0.3458

■ 43.0072, 0.3091,
0.3268

■ 30.1998, 0.3641,
0.3560

■ 48.0986, 0.2957,
0.3183

■ 26.7150, 0.3885,
0.3664

■ 53.6189, 0.2843,
0.3104

■ 23.6021, 0.4161,
0.3762

■ 59.5781, 0.2745,
0.3033

■ 20.8477, 0.4466,
0.3848

■ 65.9860, 0.2660,
0.2967

■ 18.4378, 0.4790,
0.3909

■ 72.2690, 0.2631,
0.3000

■ 16.3570, 0.5116,
0.3935

■ 78.3845, 0.2646,
0.3122

■ 14.5887, 0.5420,
0.3913

■ 84.8718, 0.2661,
0.3241

■ 13.1120, 0.5679,
0.3843

■ 87.6305, 0.2667,
0.3289

Harmonies

Analogous

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



38.3326, 0.3240, 0.3311



38.3326, 0.3247, 0.3360



38.3326, 0.3222, 0.3391

Triad

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



38.3326, 0.3247, 0.3360



38.3326, 0.3053, 0.3324



38.3326, 0.3082, 0.3187

Complementary

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



38.3326, 0.3247, 0.3360



38.5288, 0.3013, 0.3219

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.



38.3326, 0.3033, 0.3190



38.3326, 0.3247, 0.3360



38.3326, 0.3016, 0.3268

Square

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



38.3326, 0.3247, 0.3360



38.3326, 0.3109, 0.3371



38.3326, 0.3009, 0.3219



38.3326, 0.3144, 0.3212

Rectangle

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



38.3326, 0.3247, 0.3360



38.3326, 0.3190, 0.3397



38.3326, 0.3009, 0.3219



38.3326, 0.3064, 0.3185

Sweetspot

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



38.3343, 0.3247, 0.3360



73.1168, 0.3158, 0.3309



36.8735, 0.3178, 0.3175



15.9106, 0.3156, 0.3308



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



38.3343, 0.3247, 0.3360



67.3211, 0.3275, 0.3376



40.6741, 0.3239, 0.3447



8.4974, 0.3277, 0.3377



9.4910, 0.5721, 0.3839



0.3716, 0.5158, 0.4286

Inverse Universe

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



38.5288, 0.3013, 0.3219



67.7395, 0.2988, 0.3203



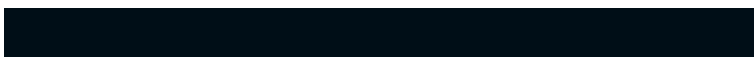
36.2470, 0.3014, 0.3128



8.5511, 0.2986, 0.3201



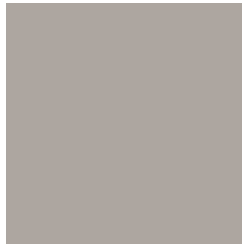
10.0571, 0.1892, 0.2011



0.3811, 0.2012, 0.2443

Previews

White Background



This preview shows how the Yxy color 38.3326, 0.3247, 0.3360 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 38.3326, 0.3247, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

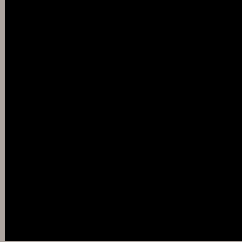
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

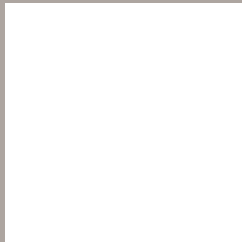
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.3326, 0.3247, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 38.3326, 0.3247, 0.3360.



This preview shows how white text looks on a background with the Yxy color 38.3326, 0.3247, 0.3360.

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

38.3326, 0.3247, 0.3360

Protanopia

38.4684, 0.3226, 0.3375

Deuteranopia

38.3772, 0.3360, 0.3291



Tritanopia

38.4035, 0.3135, 0.3126

Trichromacy



Original Color

38.3326, 0.3247, 0.3360

Protanomaly

38.5812, 0.3236, 0.3375

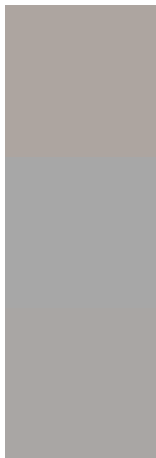
Deuteranomaly

38.2376, 0.3319, 0.3304

Tritanomaly

38.4519, 0.3169, 0.3207

Monochromacy



Original Color

38.3326, 0.3247, 0.3360

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.3878, 0.3172, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3326, 0.3247, 0.3360 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(173, 165, 160)` looks like.

```
.text, #text, p{  
    color:rgb(173, 165, 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(173, 165, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 165, 160) }
```

Border

The CSS property to change the border of an element to Yxy 38.3326, 0.3247, 0.3360 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(173, 165, 160) }
```

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

```
.border{ border-color:rgb(173, 165, 160) }
```

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

Here you see how a box with a 4 pixel rgb(173, 165, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 165, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 165, 160);  
box-shadow:4px 4px 4px 4px rgb(173, 165,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3326, 0.3247, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 165, 160) }
```

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

```
.background{ background-color: rgb(173,  
165, 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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