

Converting Colors

$Yxy(38.3073, 0.3196, 0.3324)$

Have a look what the booklet for
Yxy(38.3073, 0.3196, 0.3324)
contains.

Yxy(38.2125, 0.3201, 0.3318)	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(38.2125, 0.3201, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	ABA5A3
RGB	171, 165, 163
RGB Percent	67%, 65%, 64%
CMY	0.3293, 0.3530, 0.3607
CMYK	0.00, 0.04, 0.05, 0.33
HSL	15°, 5%, 65%
HSV	15°, 5%, 67%
XYZ	36.8650, 38.2125, 40.0897
YIQ	166.5660, 4.2180, 0.6500

Conversions

Conversions Part 2

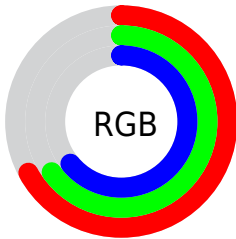
Format	Color
RYB	171, 166, 163
Decimal	11249059
CIELab	68.18, 1.81, 1.79
CIElCh	68, 2.540, 44.672
Yxy	38.2125, 0.3201, 0.3318
Android (android.graphics.Color)	4289439139 (0xFFABA5A3)
YUV	166.5660, -1.7580, 3.8886
Hunter-Lab	61.8163, -1.7273, 4.8200

Details

The Yxy color **38.2125, 0.3201, 0.3318** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1208, 0.3056, 0.3262**, and the grayscale version is **38.4312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4171, 0.3183, 0.3312**, and **16.8799, 0.3231, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **33.2299, 0.3381, 0.3381**, and if you desaturate by 10%, it is **43.7487, 0.3050, 0.3259**.

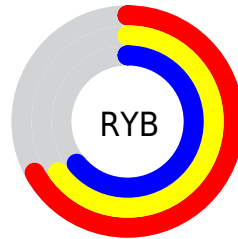
Distribution



Red (67%)

Green (65%)

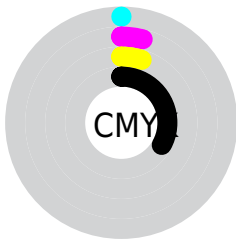
Blue (64%)



Red (67%)

Yellow (65%)

Blue (64%)

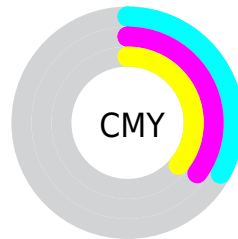


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (33%)



Cyan (33%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2125, 0.3201, 0.3318 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 38.2125, 0.3201, 0.3318 by changing the saturation by 10% instead.


 38.2125, 0.3201,
0.3318

 38.2125, 0.3201,
0.3318


338.5307, 0.3163,
0.3304

 26.1477, 0.3211,
0.3322

 72.4337, 0.3187,
0.3313

 16.9341, 0.3224,
0.3326


 95.3589, 0.3182,
0.3311

 10.1875, 0.3242,
0.3333

122.6730, 0.3177,
0.3309

 5.5235, 0.3268,
0.3342

154.7603, 0.3173,
0.3308

 2.5576, 0.3310,
0.3357

192.0054, 0.3170,
0.3307

 0.9054, 0.3391,
0.3388

234.7925, 0.3167,

 0.0000, 0.0000,

0.3305

0.0000

283.5062, 0.3165,
0.3305

■ 38.2125, 0.3201,
0.3318

■ 38.2125, 0.3201,
0.3318

■ 33.2299, 0.3381,
0.3381

■ 43.7487, 0.3050,
0.3259

■ 28.7788, 0.3596,
0.3448

■ 49.8498, 0.2924,
0.3206

■ 24.8431, 0.3852,
0.3516

■ 56.5331, 0.2819,
0.3157

■ 21.4037, 0.4151,
0.3581

■ 63.8136, 0.2729,
0.3112

■ 18.4405, 0.4493,
0.3638

■ 71.7057, 0.2653,
0.3071

■ 15.9319, 0.4870,
0.3678

■ 79.5197, 0.2639,
0.3148

■ 13.8548, 0.5259,
0.3689

■ 87.4004, 0.2657,
0.3289

■ 12.1835, 0.5628,
0.3664

■ 10.8896, 0.5933,
0.3599

Harmonies

Analogous

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



38.2125, 0.3186, 0.3285



38.2125, 0.3201, 0.3318



38.2125, 0.3196, 0.3344

Triad

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



38.2125, 0.3201, 0.3318



38.2125, 0.3099, 0.3328



38.2125, 0.3082, 0.3225

Complementary

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



38.2125, 0.3201, 0.3318



39.1208, 0.3056, 0.3262

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.



38.2125, 0.3059, 0.3236



38.2125, 0.3201, 0.3318



38.2125, 0.3069, 0.3295

Square

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



38.2125, 0.3201, 0.3318



38.2125, 0.3137, 0.3350



38.2125, 0.3054, 0.3262



38.2125, 0.3117, 0.3231

Rectangle

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



38.2125, 0.3201, 0.3318



38.2125, 0.3182, 0.3354



38.2125, 0.3054, 0.3262



38.2125, 0.3072, 0.3227

Sweetspot

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



38.2142, 0.3201, 0.3318



71.9348, 0.3143, 0.3296



37.7306, 0.3149, 0.3204



16.0539, 0.3142, 0.3296



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.



38.2142, 0.3201, 0.3318



67.0894, 0.3225, 0.3327



39.6393, 0.3197, 0.3372



8.6549, 0.3232, 0.3329



7.8634, 0.6057, 0.3573



0.3048, 0.5476, 0.4034

Inverse Universe

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



39.1208, 0.3056, 0.3262



69.1864, 0.3035, 0.3253



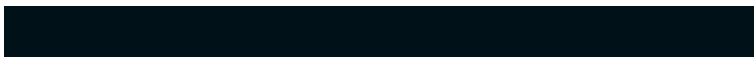
37.6939, 0.3057, 0.3206



8.9446, 0.3029, 0.3250



14.0791, 0.2023, 0.2483



0.4711, 0.2099, 0.2755

Previews

White Background



This preview shows how the Yxy color 38.2125, 0.3201, 0.3318 looks on a white background.

Color Contrast Check

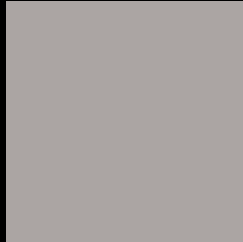
Large Text (above 18pt) WCAG AA × Fail

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 38.2125, 0.3201, 0.3318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

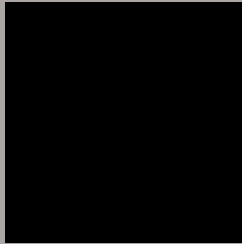
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

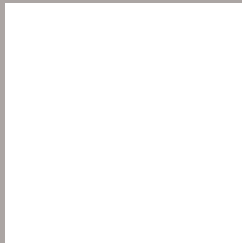
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.2125, 0.3201, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 38.2125, 0.3201, 0.3318.



This preview shows how white text looks on a background with the Yxy color 38.2125, 0.3201, 0.3318.

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

38.2125, 0.3201, 0.3318

Protanopia

38.1007, 0.3191, 0.3318

Deuteranopia

38.2374, 0.3312, 0.3250



Tritanopia

38.2132, 0.3108, 0.3111

Trichromacy



Original Color

38.2125, 0.3201, 0.3318

Protanomaly

38.1007, 0.3191, 0.3318

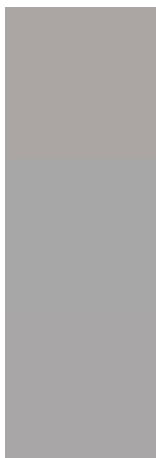
Deuteranomaly

38.1047, 0.3272, 0.3263

Tritanomaly

38.2618, 0.3141, 0.3193

Monochromacy



Original Color

38.2125, 0.3201, 0.3318

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.3504, 0.3146, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2125, 0.3201, 0.3318 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(171, 165, 163)` looks like.

```
.text, #text, p{  
    color:rgb(171, 165, 163)  
}
```

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(171, 165, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 165, 163) }
```

Border

The CSS property to change the border of an element to Yxy 38.2125, 0.3201, 0.3318 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(171, 165, 163) }
```

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

```
.border{ border-color:rgb(171, 165, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 165, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 165, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 165, 163);  
box-shadow:4px 4px 4px 4px rgb(171, 165,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2125, 0.3201, 0.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 165, 163) }
```

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

```
.background{ background-color: rgb(171,  
165, 163) }
```

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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