

Converting Colors

$Y_{xy}(51.1040, 0.3233, 0.3245)$

Have a look what the booklet for
Yxy(51.1040, 0.3233, 0.3245)
contains.

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Color

Yxy(51.3485, 0.3238, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	CABABD
RGB	202, 186, 189
RGB Percent	79%, 73%, 74%
CMY	0.2079, 0.2705, 0.2589
CMYK	0.00, 0.08, 0.06, 0.21
HSL	349°, 13%, 76%
HSV	349°, 8%, 79%
XYZ	51.0960, 51.3485, 55.3566
YIQ	191.1260, 8.5730, 4.3250

Conversions

Conversions Part 2

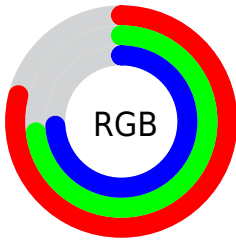
Format	Color
R _Y B	202, 186, 189
Decimal	13286077
CIE Lab	76.89, 6.17, 0.53
CIE LCh	77, 6.192, 4.910
Yxy	51.3485, 0.3238, 0.3254
Android (android.graphics.Color)	4291476157 (0xFFCABABD)
YUV	191.1260, -1.0481, 9.5365
Hunter-Lab	71.6579, 1.8791, 4.3582

Details

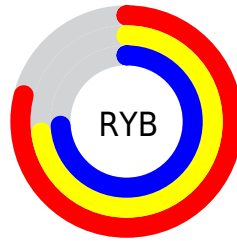
The Yxy color **51.3485, 0.3238, 0.3254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7955, 0.3027, 0.3326**, and the grayscale version is **52.1792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3568, 0.3194, 0.3261**, and **24.8485, 0.3267, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **42.7591, 0.3408, 0.3206**, and if you desaturate by 10%, it is **61.2261, 0.3101, 0.3299**.

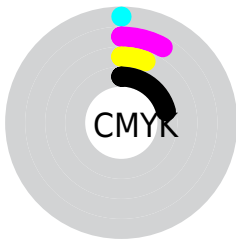
Distribution



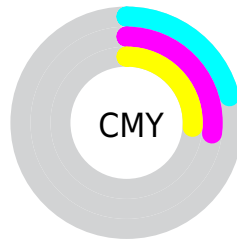
- Red (79%)
- Green (73%)
- Blue (74%)



- Red (79%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (21%)




- Cyan (21%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3485, 0.3238, 0.3254 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 51.3485, 0.3238, 0.3254 by changing the saturation by 10% instead.


 51.3485, 0.3238,
0.3254

 51.3485, 0.3238,
0.3254


391.9163, 0.3183,
0.3272

 36.4860, 0.3251,
0.3250


 92.1697, 0.3218,
0.3260

 24.8098, 0.3268,
0.3244


118.8972, 0.3211,
0.3263

 15.9354, 0.3291,
0.3236

150.3486, 0.3205,
0.3265

 9.4785, 0.3322,
0.3226

186.9081, 0.3199,
0.3267

 5.0546, 0.3368,
0.3211

228.9603, 0.3194,
0.3268

 2.2793, 0.3441,
0.3186

276.8894, 0.3190,

 0.7627, 0.3602,

0.3270

0.3136

331.0800, 0.3187,
0.3271

0.0000, 0.0000,
0.0000

51.3485, 0.3238,
0.3254

51.3485, 0.3238,
0.3254

42.7591, 0.3408,
0.3206

61.2261, 0.3101,
0.3299

35.3984, 0.3618,
0.3155

72.4350, 0.2990,
0.3341

29.2119, 0.3875,
0.3105

85.0246, 0.2899,
0.3379

24.1388, 0.4185,
0.3059

91.2751, 0.2817,
0.3292

20.1125, 0.4548,
0.3024

91.2936, 0.2816,
0.3289

■ 17.0594, 0.4952,
0.3007

■ 14.8963, 0.5371,
0.3018

■ 13.5257, 0.5758,
0.3062

■ 12.8064, 0.6067,
0.3133

Harmonies

Analogous

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



51.3485, 0.3162, 0.3191



51.3485, 0.3238, 0.3254



51.3485, 0.3285, 0.3328

Triad

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



51.3485, 0.3238, 0.3254



51.3485, 0.3176, 0.3432



51.3485, 0.2969, 0.3186

Complementary

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



51.3485, 0.3238, 0.3254



56.7955, 0.3027, 0.3326

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.



51.3485, 0.2972, 0.3249



51.3485, 0.3238, 0.3254



51.3485, 0.3091, 0.3393

Square

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



51.3485, 0.3238, 0.3254



51.3485, 0.3248, 0.3431



51.3485, 0.3017, 0.3326



51.3485, 0.3007, 0.3151

Rectangle

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



51.3485, 0.3238, 0.3254



51.3485, 0.3292, 0.3373



51.3485, 0.3017, 0.3326



51.3485, 0.2965, 0.3204

Sweetspot

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



51.3507, 0.3238, 0.3254



96.5247, 0.3154, 0.3281



51.4995, 0.3110, 0.3097



20.6967, 0.3152, 0.3281



0.0000, 0.0000, 0.0000



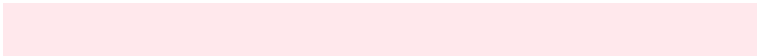
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3507, 0.3238, 0.3254



85.0768, 0.3257, 0.3248



53.2750, 0.3256, 0.3349



11.2473, 0.3261, 0.3247



8.1785, 0.6093, 0.3130



0.4325, 0.5563, 0.2838

Inverse Universe

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



51.3507, 0.3238, 0.3254



85.0768, 0.3257, 0.3248



54.7225, 0.3006, 0.3231



11.2473, 0.3261, 0.3247



8.1785, 0.6093, 0.3130



0.4325, 0.5563, 0.2838

Previews

White Background



This preview shows how the Yxy color 51.3485, 0.3238, 0.3254 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 51.3485, 0.3238, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

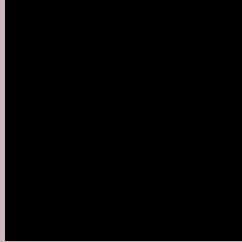
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3485, 0.3238, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 51.3485, 0.3238, 0.3254.



This preview shows how white text looks on a background with the Yxy color 51.3485, 0.3238, 0.3254.

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

51.3485, 0.3238, 0.3254

Protanopia

51.4942, 0.3145, 0.3265

Deuteranopia

51.3650, 0.3292, 0.3230



Tritanopia

51.1010, 0.3169, 0.3110

Trichromacy



Original Color

51.3485, 0.3238, 0.3254

Protanomaly

51.4199, 0.3178, 0.3265

Deuteranomaly

51.4939, 0.3273, 0.3242

Tritanomaly

51.3346, 0.3200, 0.3169

Monochromacy



Original Color

51.3485, 0.3238, 0.3254

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.7150, 0.3169, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3485, 0.3238, 0.3254 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(202, 186, 189)` looks like.

```
.text, #text, p{  
    color:rgb(202, 186, 189)  
}
```

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(202, 186, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 186, 189) }
```

Border

The CSS property to change the border of an element to Yxy 51.3485, 0.3238, 0.3254 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(202, 186, 189) }
```

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

```
.border{ border-color:rgb(202, 186, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 186, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 186, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 186, 189);  
box-shadow:4px 4px 4px 4px rgb(202, 186,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3485, 0.3238, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 186, 189) }
```

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

```
.background{ background-color: rgb(202,  
186, 189) }
```

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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