

Converting Colors

$Yxy(41.9937, 0.3251, 0.3245)$

Have a look what the booklet for
Yxy(41.9937, 0.3251, 0.3245)
contains.

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Color

Yxy(41.8322, 0.3249, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	BAA9AD
RGB	186, 169, 173
RGB Percent	73%, 66%, 68%
CMY	0.2707, 0.3372, 0.3217
CMYK	0.00, 0.09, 0.07, 0.27
HSL	346°, 11%, 70%
HSV	346°, 9%, 73%
XYZ	41.9743, 41.8322, 45.3850
YIQ	174.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

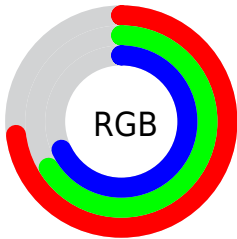
Format	Color
R _Y B	186, 169, 173
Decimal	12233133
CIE Lab	70.76, 6.82, 0.18
CIE LCh	71, 6.818, 1.503
Yxy	41.8322, 0.3249, 0.3238
Android (android.graphics.Color)	4290423213 (0xFFBAA9AD)
YUV	174.5390, -0.7587, 10.0513
Hunter-Lab	64.6778, 2.6559, 3.6702

Details

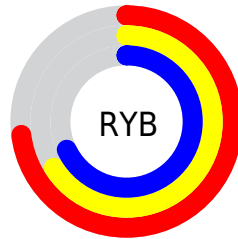
The Yxy color **41.8322, 0.3249, 0.3238** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.9229, 0.3018, 0.3343**, and the grayscale version is **42.6188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7900, 0.3228, 0.3249**, and **19.0896, 0.3285, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **34.8760, 0.3412, 0.3177**, and if you desaturate by 10%, it is **49.8352, 0.3117, 0.3295**.

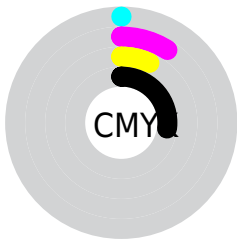
Distribution



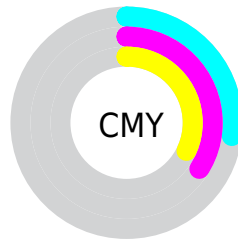
- Red (73%)
- Green (66%)
- Blue (68%)



- Red (73%)
- Yellow (66%)
- Blue (68%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (27%)





- Cyan (27%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8322, 0.3249, 0.3238 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 41.8322, 0.3249, 0.3238 by changing the saturation by 10% instead.


 41.8322, 0.3249,
0.3238


 41.8322, 0.3249,
0.3238

353.7869, 0.3187,
0.3265

 28.9699, 0.3265,
0.3231

 77.9456, 0.3226,
0.3248

 19.0581, 0.3286,
0.3222


 101.9655, 0.3218,
0.3251

 11.7122, 0.3313,
0.3210


130.4734, 0.3211,
0.3255

 6.5481, 0.3353,
0.3193

163.8538, 0.3204,
0.3257

 3.1811, 0.3415,
0.3166

202.4909, 0.3199,
0.3259

 1.2270, 0.3523,
0.3120

246.7691, 0.3195,

 0.0836, 0.6026,

0.3261

0.2049

297.0730, 0.3191,
0.3263

0.0000, 0.0000,
0.0000

41.8322, 0.3249,
0.3238

41.8322, 0.3249,
0.3238

34.8760, 0.3412,
0.3177

49.8352, 0.3117,
0.3295

28.9179, 0.3613,
0.3115

58.9202, 0.3009,
0.3347

23.9136, 0.3857,
0.3052

69.1274, 0.2921,
0.3395

19.8132, 0.4150,
0.2995

80.4934, 0.2849,
0.3439

16.5623, 0.4491,
0.2950

88.5029, 0.2784,
0.3405

■ 14.1006, 0.4872,
0.2927

■ 89.1762, 0.2731,
0.3289

■ 12.3599, 0.5268,
0.2937

■ 11.2600, 0.5642,
0.2985

■ 10.6588, 0.5956,
0.3062

Harmonies

Analogous

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



41.8322, 0.3156, 0.3166



41.8322, 0.3249, 0.3238



41.8322, 0.3309, 0.3324

Triad

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



41.8322, 0.3249, 0.3238



41.8322, 0.3195, 0.3460



41.8322, 0.2938, 0.3174

Complementary

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



41.8322, 0.3249, 0.3238



46.9229, 0.3018, 0.3343

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.



41.8322, 0.2949, 0.3252



41.8322, 0.3249, 0.3238



41.8322, 0.3096, 0.3419

Square

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



41.8322, 0.3249, 0.3238



41.8322, 0.3278, 0.3453



41.8322, 0.3006, 0.3342



41.8322, 0.2978, 0.3129

Rectangle

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



41.8322, 0.3249, 0.3238



41.8322, 0.3322, 0.3379



41.8322, 0.3006, 0.3342



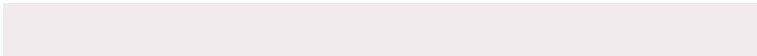
41.8322, 0.2936, 0.3197

Sweetspot

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



41.8340, 0.3249, 0.3238



84.4239, 0.3165, 0.3273



41.8388, 0.3100, 0.3067



18.3306, 0.3176, 0.3268



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.8340, 0.3249, 0.3238



73.0944, 0.3280, 0.3226



43.2866, 0.3278, 0.3346



9.0457, 0.3252, 0.3237



7.1525, 0.5950, 0.3051



0.2619, 0.5216, 0.2647

Inverse Universe

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



41.8340, 0.3249, 0.3238



73.0944, 0.3280, 0.3226



45.3290, 0.2988, 0.3233



9.0457, 0.3252, 0.3237



7.1525, 0.5950, 0.3051



0.2619, 0.5216, 0.2647

Previews

White Background



This preview shows how the Yxy color 41.8322, 0.3249, 0.3238 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 41.8322, 0.3249, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

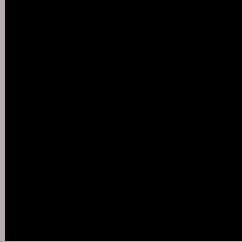
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8322, 0.3249, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 41.8322, 0.3249, 0.3238.



This preview shows how white text looks on a background with the Yxy color 41.8322, 0.3249, 0.3238.

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

41.8322, 0.3249, 0.3238

Protanopia

41.8303, 0.3138, 0.3250

Deuteranopia

41.9695, 0.3287, 0.3225



Tritanopia

41.9063, 0.3190, 0.3121

Trichromacy



Original Color

41.8322, 0.3249, 0.3238

Protanomaly

41.8851, 0.3183, 0.3250

Deuteranomaly

41.8412, 0.3278, 0.3225

Tritanomaly

41.7844, 0.3216, 0.3159

Monochromacy



Original Color

41.8322, 0.3249, 0.3238

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5268, 0.3173, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8322, 0.3249, 0.3238 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(186, 169, 173)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 173)  
}
```

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(186, 169, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 173) }
```

Border

The CSS property to change the border of an element to Yxy 41.8322, 0.3249, 0.3238 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(186, 169, 173) }
```

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

```
.border{ border-color:rgb(186, 169, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 169, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 169, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 169, 173);  
box-shadow:4px 4px 4px 4px rgb(186, 169,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8322, 0.3249, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 169, 173) }
```

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

```
.background{ background-color: rgb(186,  
169, 173) }
```

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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