

Converting Colors

$Yxy(30.9946, 0.3859, 0.3252)$

Have a look what the booklet for
Yxy(30.9946, 0.3859, 0.3252)
contains.

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Color

Yxy(30.8606, 0.3855, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	C88589
RGB	200, 133, 137
RGB Percent	78%, 52%, 54%
CMY	0.2155, 0.4785, 0.4627
CMYK	0.00, 0.34, 0.32, 0.22
HSL	356°, 38%, 65%
HSV	356°, 34%, 78%
XYZ	36.7297, 30.8606, 27.6878
YIQ	153.4890, 38.6480, 15.4480

Conversions

Conversions Part 2

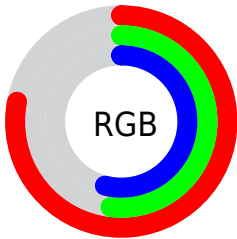
Format	Color
R_{YB}	200, 133, 137
Decimal	13141385
CIE _{Lab}	62.39, 26.30, 8.45
CIE _{LCh}	62, 27.627, 17.801
Yxy	30.8606, 0.3855, 0.3239
Android (android.graphics.Color)	4291331465 (0xFFC88589)
YUV	153.4890, -8.1291, 40.7901
Hunter-Lab	55.5523, 20.8030, 9.3359

Details

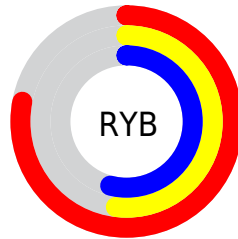
The Yxy color **30.8606, 0.3855, 0.3239** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.2979, 0.2679, 0.3344**, and the grayscale version is **32.1040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5184, 0.3680, 0.3260**, and **12.8039, 0.4105, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **25.4036, 0.4191, 0.3225**, and if you desaturate by 10%, it is **37.4576, 0.3580, 0.3255**.

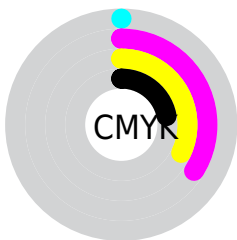
Distribution



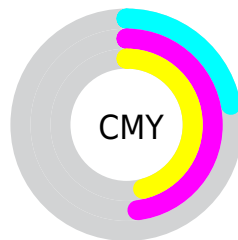
- Red (78%)
- Green (52%)
- Blue (54%)



- Red (78%)
- Yellow (52%)
- Blue (54%)



- Cyan (0%)
- Magenta (34%)
- Yellow (32%)
- Black (22%)




- Cyan (22%)
- Magenta (48%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.8606, 0.3855, 0.3239 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 30.8606, 0.3855, 0.3239 by changing the saturation by 10% instead.


 30.8606, 0.3855,
0.3239


 30.8606, 0.3855,
0.3239


305.8956, 0.3463,
0.3274

 20.4927, 0.3963,
0.3226


 61.0205, 0.3705,
0.3254

 12.7537, 0.4108,
0.3207


 81.5814, 0.3651,
0.3259

 7.2592, 0.4312,
0.3177


 106.3087, 0.3607,
0.3263

 3.6247, 0.4620,
0.3123

135.5868, 0.3569,
0.3266

 1.4659, 0.5133,
0.3012

169.8002, 0.3536,
0.3269

 0.2646, 0.7718,
0.2282

209.3331, 0.3509,

 0.0000, 0.0000,

0.3271

0.0000

254.5702, 0.3484,
0.3273

■ 30.8606, 0.3855,
0.3239

■ 30.8606, 0.3855,
0.3239

■ 25.4036, 0.4191,
0.3225

■ 37.4576, 0.3580,
0.3255

■ 21.0179, 0.4589,
0.3213

■ 45.2494, 0.3359,
0.3270

■ 17.6342, 0.5036,
0.3208


■ 54.2925, 0.3181,
0.3285

■ 15.1735, 0.5498,
0.3213


■ 64.6387, 0.3038,
0.3299


■ 13.5447, 0.5915,
0.3229

■ 76.3366, 0.2923,
0.3311

 12.6381, 0.6219,
0.3256

 89.4327, 0.2830,
0.3322

 12.3110, 0.6343,
0.3268

 91.0245, 0.2805,
0.3289

Harmonies

Analogous

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



30.8606, 0.3487, 0.2913



30.8606, 0.3855, 0.3239



30.8606, 0.4012, 0.3596

Triad

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



30.8606, 0.3855, 0.3239



30.8606, 0.3168, 0.4021



30.8606, 0.2385, 0.2644

Complementary

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



30.8606, 0.3855, 0.3239



50.2979, 0.2679, 0.3344

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.



30.8606, 0.2316, 0.2886



30.8606, 0.3855, 0.3239



30.8606, 0.2748, 0.3712

Square

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



30.8606, 0.3855, 0.3239



30.8606, 0.3596, 0.4082



30.8606, 0.2443, 0.3277



30.8606, 0.2638, 0.2577

Rectangle

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



30.8606, 0.3855, 0.3239



30.8606, 0.3972, 0.3815



30.8606, 0.2443, 0.3277



30.8606, 0.2340, 0.2705

Sweetspot

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



30.8621, 0.3855, 0.3239



83.3468, 0.3294, 0.3275



32.6211, 0.3121, 0.2455



17.3779, 0.3321, 0.3273



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.



30.8621, 0.3855, 0.3239



46.5494, 0.4085, 0.3229



39.8330, 0.3777, 0.3670



10.6471, 0.3280, 0.3277



7.8291, 0.6328, 0.3260



0.3744, 0.6082, 0.3124

Inverse Universe

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



30.8621, 0.3855, 0.3239



46.5494, 0.4085, 0.3229



38.2764, 0.2603, 0.2874



10.6471, 0.3280, 0.3277



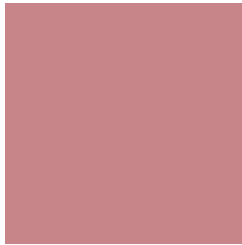
7.8291, 0.6328, 0.3260



0.3744, 0.6082, 0.3124

Previews

White Background



This preview shows how the Yxy color 30.8606, 0.3855, 0.3239 looks on a white background.

Color Contrast Check

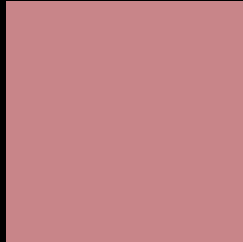
Large Text (above 18pt) WCAG AA × Fail

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 30.8606, 0.3855, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

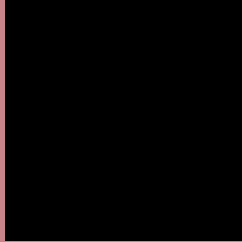
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8606, 0.3855, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 30.8606, 0.3855, 0.3239.



This preview shows how white text looks on a background with the Yxy color 30.8606, 0.3855, 0.3239.

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

30.8606, 0.3855, 0.3239

Protanopia

31.1771, 0.3215, 0.3367

Deuteranopia

31.0777, 0.3519, 0.3453



Tritanopia

30.8730, 0.3810, 0.3161

Trichromacy



Original Color

30.8606, 0.3855, 0.3239

Protanomaly

30.5876, 0.3429, 0.3306

Deuteranomaly

30.7724, 0.3635, 0.3363

Tritanomaly

30.8135, 0.3834, 0.3187

Monochromacy



Original Color

30.8606, 0.3855, 0.3239

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.2104, 0.3372, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8606, 0.3855, 0.3239 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(200, 133, 137)` looks like.

```
.text, #text, p{  
    color:rgb(200, 133, 137)  
}
```

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(200, 133, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 133, 137) }
```

Border

The CSS property to change the border of an element to Yxy 30.8606, 0.3855, 0.3239 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(200, 133, 137) }
```

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

```
.border{ border-color:rgb(200, 133, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 133, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 133, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 133, 137);  
box-shadow:4px 4px 4px 4px rgb(200, 133,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8606, 0.3855, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 133, 137) }
```

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

```
.background{ background-color: rgb(200,  
133, 137) }
```

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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