

Converting Colors

$Yxy(30.4025, 0.3784, 0.3238)$

Have a look what the booklet for
Yxy(30.4025, 0.3784, 0.3238)
contains.

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Color

Yxy(30.4873, 0.3783, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	C3868A
RGB	195, 134, 138
RGB Percent	76%, 53%, 54%
CMY	0.2353, 0.4745, 0.4589
CMYK	0.00, 0.31, 0.29, 0.24
HSL	356°, 34%, 65%
HSV	356°, 31%, 76%
XYZ	35.6187, 30.4873, 28.0487
YIQ	152.6950, 35.0720, 14.1760

Conversions

Conversions Part 2

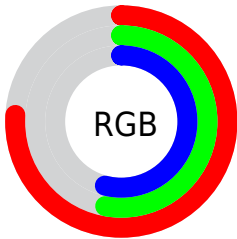
Format	Color
R_{YB}	195, 134, 138
Decimal	12813962
CIE _{Lab}	62.07, 23.96, 7.35
CIE _{LCh}	62, 25.065, 17.054
Yxy	30.4873, 0.3783, 0.3238
Android (android.graphics.Color)	4291004042 (0xFFC3868A)
YUV	152.6950, -7.2446, 37.1015
Hunter-Lab	55.2153, 18.5214, 8.5321

Details

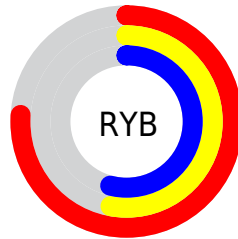
The Yxy color **30.4873, 0.3783, 0.3238** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8636, 0.2708, 0.3344**, and the grayscale version is **31.7371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6107, 0.3652, 0.3260**, and **12.6207, 0.4016, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **25.1016, 0.4102, 0.3222**, and if you desaturate by 10%, it is **36.9583, 0.3523, 0.3255**.

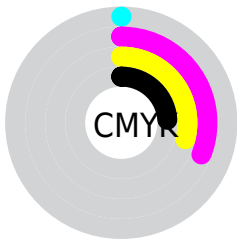
Distribution



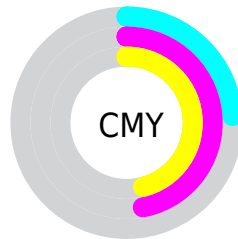
- Red (76%)
- Green (53%)
- Blue (54%)



- Red (76%)
- Yellow (53%)
- Blue (54%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (24%)




- Cyan (24%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4873, 0.3783, 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 30.4873, 0.3783, 0.3238 by changing the saturation by 10% instead.


 30.4873, 0.3783,
0.3238


 30.4873, 0.3783,
0.3238


304.1693, 0.3429,
0.3272

 20.2088, 0.3881,
0.3226


 60.4320, 0.3648,
0.3253

 12.5469, 0.4012,
0.3209


 80.8669, 0.3599,
0.3258

 7.1173, 0.4198,
0.3181


 105.4560, 0.3559,
0.3261

 3.5356, 0.4480,
0.3132

134.5838, 0.3525,
0.3264

 1.4173, 0.4955,
0.3032

168.6347, 0.3495,
0.3267

 0.2294, 0.7778,
0.2222


207.9929, 0.3470,

 0.0000, 0.0000,


0.3269


0.0000


253.0430, 0.3448,
0.3271


 30.4873, 0.3783,
0.3238


 30.4873, 0.3783,
0.3238

 25.1016, 0.4102,
0.3222


 36.9583, 0.3523,
0.3255


 20.7379, 0.4483,
0.3208


 44.5650, 0.3314,
0.3272


 17.3328, 0.4918,
0.3201

 53.3598, 0.3146,
0.3288

 14.8140, 0.5378,
0.3203

 63.3905, 0.3011,
0.3303

 13.0993, 0.5811,
0.3217

 74.7023, 0.2902,
0.3316

■ 12.0907, 0.6149,
0.3243

■ 87.3382, 0.2814,
0.3328

■ 11.6313, 0.6336,
0.3264

■ 90.3428, 0.2778,
0.3289

Harmonies

Analogous

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



30.4873, 0.3446, 0.2938



30.4873, 0.3783, 0.3238



30.4873, 0.3932, 0.3566

Triad

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



30.4873, 0.3783, 0.3238



30.4873, 0.3178, 0.3956



30.4873, 0.2443, 0.2703

Complementary

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



30.4873, 0.3783, 0.3238



47.8636, 0.2708, 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.



30.4873, 0.2384, 0.2932



30.4873, 0.3783, 0.3238



30.4873, 0.2791, 0.3681

Square

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



30.4873, 0.3783, 0.3238



30.4873, 0.3566, 0.4009



30.4873, 0.2506, 0.3291



30.4873, 0.2673, 0.2636

Rectangle

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



30.4873, 0.3783, 0.3238



30.4873, 0.3901, 0.3767



30.4873, 0.2506, 0.3291



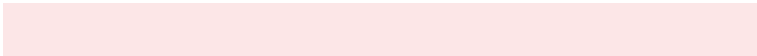
30.4873, 0.2403, 0.2762

Sweetspot

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



30.4887, 0.3783, 0.3238



83.0044, 0.3275, 0.3276



32.0600, 0.3122, 0.2512



17.6909, 0.3302, 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.



30.4887, 0.3783, 0.3238



47.3679, 0.4010, 0.3226



38.6178, 0.3722, 0.3643



10.0883, 0.3279, 0.3275



7.5638, 0.6320, 0.3255



0.3306, 0.6037, 0.3099

Inverse Universe

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



30.4887, 0.3783, 0.3238



47.3679, 0.4010, 0.3226



37.2257, 0.2639, 0.2907



10.0883, 0.3279, 0.3275



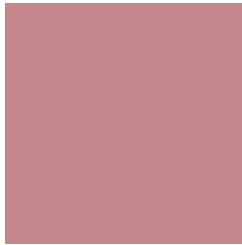
7.5638, 0.6320, 0.3255



0.3306, 0.6037, 0.3099

Previews

White Background



This preview shows how the Yxy color 30.4873, 0.3783, 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 30.4873, 0.3783, 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 30.4873, 0.3783, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 30.4873, 0.3783, 0.3238.



This preview shows how white text looks on a background with the Yxy color 30.4873, 0.3783, 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

30.4873, 0.3783, 0.3238

Protanopia

30.7893, 0.3197, 0.3336

Deuteranopia

30.5744, 0.3489, 0.3425



Tritanopia

30.4940, 0.3739, 0.3158

Trichromacy



Original Color

30.4873, 0.3783, 0.3238

Protanomaly

30.3952, 0.3396, 0.3291

Deuteranomaly

30.4396, 0.3590, 0.3349

Tritanomaly

30.4339, 0.3763, 0.3184

Monochromacy



Original Color

30.4873, 0.3783, 0.3238

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.0207, 0.3340, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4873, 0.3783, 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(195, 134, 138)` looks like.

```
.text, #text, p{  
    color:rgb(195, 134, 138)  
}
```

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(195, 134, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 134, 138) }
```

Border

The CSS property to change the border of an element to Yxy 30.4873, 0.3783, 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(195, 134, 138) }
```

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

```
.border{ border-color:rgb(195, 134, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 134, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 134, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 134, 138);  
box-shadow:4px 4px 4px 4px rgb(195, 134,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4873, 0.3783, 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(195, 134, 138) }
```

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

```
.background{ background-color: rgb(195,  
134, 138) }
```

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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