

Converting Colors

$Y_{xy}(29.8557, 0.3700, 0.3250)$

Have a look what the booklet for
Yxy(29.8557, 0.3700, 0.3250)
contains.

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Color

Yxy(29.8543, 0.3700, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	BC878A
RGB	188, 135, 138
RGB Percent	74%, 53%, 54%
CMY	0.2628, 0.4705, 0.4588
CMYK	0.00, 0.28, 0.27, 0.26
HSL	357°, 28%, 63%
HSV	357°, 28%, 74%
XYZ	33.9880, 29.8543, 28.0171
YIQ	151.1890, 30.6250, 12.1690

Conversions

Conversions Part 2

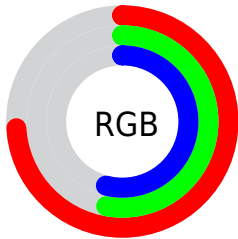
Format	Color
R _Y B	188, 135, 138
Decimal	12355466
CIE Lab	61.53, 20.72, 6.46
CIE LCh	62, 21.704, 17.317
Yxy	29.8543, 0.3700, 0.3250
Android (android.graphics.Color)	4290545546 (0xFFBC878A)
YUV	151.1890, -6.5022, 32.2832
Hunter-Lab	54.6391, 15.4166, 7.8454

Details

The Yxy color **29.8543, 0.3700, 0.3250** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6146, 0.2743, 0.3332**, and the grayscale version is **31.0517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5693, 0.3582, 0.3270**, and **12.1881, 0.3896, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **24.5920, 0.4001, 0.3236**, and if you desaturate by 10%, it is **36.1295, 0.3455, 0.3265**.

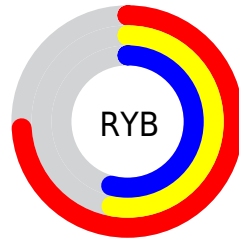
Distribution



Red (74%)

Green (53%)

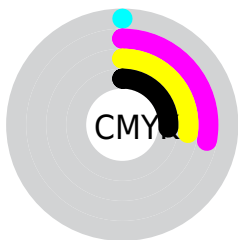
Blue (54%)



Red (74%)

Yellow (53%)

Blue (54%)

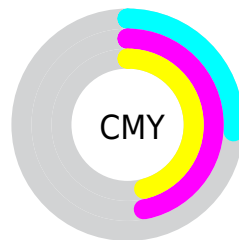


Cyan (0%)

Magenta (28%)

Yellow (27%)

Black (26%)



Cyan (26%)


Magenta (47%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8543, 0.3700, 0.3250 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 29.8543, 0.3700, 0.3250 by changing the saturation by 10% instead.


 29.8543, 0.3700,
0.3250


 29.8543, 0.3700,
0.3250


301.2247, 0.3390,
0.3276


 19.7280, 0.3786,
0.3241


 59.4317, 0.3581,
0.3261

 12.1975, 0.3902,
0.3227


 79.6516, 0.3539,
0.3265

 6.8783, 0.4067,
0.3205


 104.0048, 0.3503,
0.3268

 3.3861, 0.4320,
0.3166

132.8758, 0.3473,
0.3270

 1.3365, 0.4751,
0.3084

166.6488, 0.3448,
0.3272

 0.1692, 0.7976,
0.2024

205.7084, 0.3426,

 0.0000, 0.0000,

0.3274

0.0000

250.4389, 0.3407,
0.3275

■ 29.8543, 0.3700,
0.3250

■ 29.8543, 0.3700,
0.3250

■ 24.5920, 0.4001,
0.3236

■ 36.1295, 0.3455,
0.3265

■ 20.2855, 0.4365,
0.3223

■ 43.4623, 0.3259,
0.3279

■ 16.8788, 0.4788,
0.3215

■ 51.8998, 0.3101,
0.3292

■ 14.3081, 0.5247,
0.3214

■ 61.4852, 0.2974,
0.3305

■ 12.5012, 0.5696,
0.3223

■ 72.2591, 0.2871,
0.3316

■ 11.3738, 0.6069,
0.3244

■ 84.2603, 0.2788,
0.3326

■ 10.7951, 0.6311,
0.3267

■ 89.4295, 0.2741,
0.3289

■ 10.7128, 0.6343,
0.3268

Harmonies

Analogous

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



29.8543, 0.3409, 0.2983



29.8543, 0.3700, 0.3250



29.8543, 0.3828, 0.3540

Triad

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



29.8543, 0.3700, 0.3250



29.8543, 0.3171, 0.3864



29.8543, 0.2527, 0.2775

Complementary

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



29.8543, 0.3700, 0.3250



44.6146, 0.2743, 0.3332

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.



29.8543, 0.2473, 0.2978



29.8543, 0.3700, 0.3250



29.8543, 0.2832, 0.3626

Square

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



29.8543, 0.3700, 0.3250



29.8543, 0.3511, 0.3916



29.8543, 0.2581, 0.3291



29.8543, 0.2732, 0.2714

Rectangle

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



29.8543, 0.3700, 0.3250



29.8543, 0.3802, 0.3714



29.8543, 0.2581, 0.3291



29.8543, 0.2491, 0.2828

Sweetspot

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



29.8557, 0.3700, 0.3250



78.8525, 0.3258, 0.3279



31.2078, 0.3123, 0.2591



16.4977, 0.3285, 0.3277



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.



29.8557, 0.3700, 0.3250



47.8284, 0.3885, 0.3241



36.8815, 0.3650, 0.3606



9.5449, 0.3280, 0.3277



7.2988, 0.6329, 0.3260



0.2889, 0.6067, 0.3116

Inverse Universe

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



29.8557, 0.3700, 0.3250



47.8284, 0.3885, 0.3241



35.7031, 0.2689, 0.2951



9.5449, 0.3280, 0.3277



7.2988, 0.6329, 0.3260



0.2889, 0.6067, 0.3116

Previews

White Background



This preview shows how the Yxy color 29.8543, 0.3700, 0.3250 looks on a white background.

Color Contrast Check

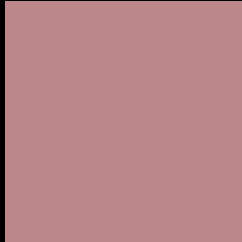
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8543, 0.3700, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

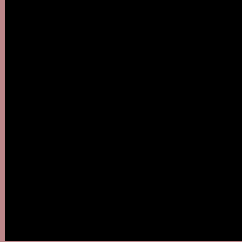
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8543, 0.3700, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 29.8543, 0.3700, 0.3250.



This preview shows how white text looks on a background with the Yxy color 29.8543, 0.3700, 0.3250.

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

29.8543, 0.3700, 0.3250

Protanopia

29.8995, 0.3198, 0.3337

Deuteranopia

30.0489, 0.3470, 0.3411



Tritanopia

29.8826, 0.3646, 0.3153

Trichromacy



Original Color

29.8543, 0.3700, 0.3250

Protanomaly

29.5972, 0.3376, 0.3306

Deuteranomaly

29.9699, 0.3545, 0.3350

Tritanomaly

29.8220, 0.3669, 0.3181

Monochromacy



Original Color

29.8543, 0.3700, 0.3250

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.2186, 0.3319, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8543, 0.3700, 0.3250 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(188, 135, 138)` looks like.

```
.text, #text, p{  
    color:rgb(188, 135, 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(188, 135, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 135, 138) }
```

Border

The CSS property to change the border of an element to Yxy 29.8543, 0.3700, 0.3250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

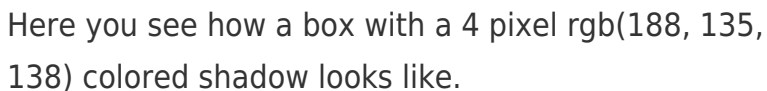
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 135, 138) }
```

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

```
.border{ border-color:rgb(188, 135, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 135, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 135, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 135, 138); box-shadow:4px 4px 4px 4px rgb(188, 135, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8543, 0.3700, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 135, 138) }
```

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

```
.background{ background-color: rgb(188,  
135, 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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