

Converting Colors

$Y_{xy}(29.8085, 0.3800, 0.3253)$

Have a look what the booklet for
Yxy(29.8085, 0.3800, 0.3253)
contains.

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Color

Yxy(29.8618, 0.3799, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C18587
RGB	193, 133, 135
RGB Percent	76%, 52%, 53%
CMY	0.2433, 0.4783, 0.4706
CMYK	0.00, 0.31, 0.30, 0.24
HSL	358°, 33%, 64%
HSV	358°, 31%, 76%
XYZ	34.7458, 29.8618, 26.8528
YIQ	151.1680, 35.1180, 13.3420

Conversions

Conversions Part 2

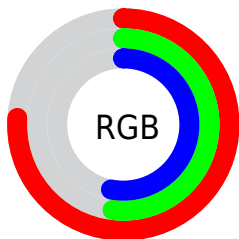
Format	Color
RYB	193, 133, 135
Decimal	12682631
CIELab	61.53, 23.31, 8.26
CIELCh	62, 24.731, 19.509
Yxy	29.8618, 0.3799, 0.3265
Android (android.graphics.Color)	4290872711 (0xFFC18587)
YUV	151.1680, -7.9708, 36.6867
Hunter-Lab	54.6460, 17.8660, 9.1173

Details

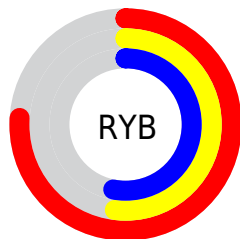
The Yxy color **29.8618, 0.3799, 0.3265** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.8732, 0.2699, 0.3316**, and the grayscale version is **31.0470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6807, 0.3663, 0.3281**, and **12.2457, 0.4045, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **24.5745, 0.4128, 0.3257**, and if you desaturate by 10%, it is **36.2147, 0.3531, 0.3273**.

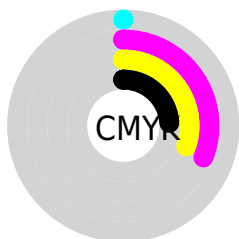
Distribution



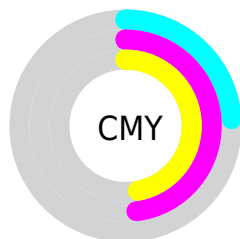
- Red (76%)
- Green (52%)
- Blue (53%)



- Red (76%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (31%)
- Yellow (30%)
- Black (24%)





- Cyan (24%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8618, 0.3799, 0.3265 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 29.8618, 0.3799, 0.3265 by changing the saturation by 10% instead.


 29.8618, 0.3799,
0.3265


 29.8618, 0.3799,
0.3265


301.2597, 0.3435,
0.3286


 19.7337, 0.3900,
0.3257


 59.4436, 0.3660,
0.3275

 12.2016, 0.4036,
0.3243


 79.6660, 0.3609,
0.3278

 6.8811, 0.4229,
0.3221


 104.0221, 0.3568,
0.3280

 3.3879, 0.4524,
0.3178

132.8961, 0.3533,
0.3282

 1.3374, 0.5031,
0.3091

166.6724, 0.3503,
0.3283

 0.1699, 0.8113,
0.1887


205.7356, 0.3477,

 0.0000, 0.0000,


0.3284


0.0000


250.4699, 0.3455,
0.3285

 29.8618, 0.3799,
0.3265

 29.8618, 0.3799,
0.3265


 24.5745, 0.4128,
0.3257

 36.2147, 0.3531,
0.3273


 20.2905, 0.4521,
0.3251

 43.6825, 0.3316,
0.3281


 16.9477, 0.4968,
0.3248


 52.3166, 0.3143,
0.3289

 14.4753, 0.5438,
0.3251

 62.1641, 0.3005,
0.3296

 12.7924, 0.5871,
0.3259

 73.2692, 0.2893,
0.3303

 11.8031, 0.6196,
0.3273

 85.6742, 0.2803,
0.3309

 11.3465, 0.6368,
0.3282

 90.0726, 0.2768,
0.3289

Harmonies

Analogous

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



29.8618, 0.3476, 0.2962



29.8618, 0.3799, 0.3265



29.8618, 0.3929, 0.3591

Triad

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



29.8618, 0.3799, 0.3265



29.8618, 0.3144, 0.3936



29.8618, 0.2460, 0.2695

Complementary

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



29.8618, 0.3799, 0.3265



46.8732, 0.2699, 0.3316

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.



29.8618, 0.2386, 0.2910



29.8618, 0.3799, 0.3265



29.8618, 0.2765, 0.3649

Square

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



29.8618, 0.3799, 0.3265



29.8618, 0.3535, 0.4009



29.8618, 0.2494, 0.3259



29.8618, 0.2701, 0.2641

Rectangle

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



29.8618, 0.3799, 0.3265



29.8618, 0.3885, 0.3786



29.8618, 0.2494, 0.3259



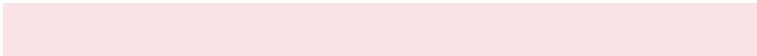
29.8618, 0.2415, 0.2749

Sweetspot

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



29.8632, 0.3799, 0.3265



81.0774, 0.3280, 0.3283



31.7019, 0.3143, 0.2523



16.9322, 0.3307, 0.3282



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



29.8632, 0.3799, 0.3265



47.1226, 0.4006, 0.3260



38.5148, 0.3709, 0.3666



10.0831, 0.3284, 0.3283



7.5523, 0.6360, 0.3277



0.3282, 0.6211, 0.3195

Inverse Universe

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



29.8632, 0.3799, 0.3265



47.1226, 0.4006, 0.3260



35.7441, 0.2639, 0.2880



10.0831, 0.3284, 0.3283



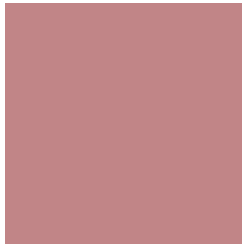
7.5523, 0.6360, 0.3277



0.3282, 0.6211, 0.3195

Previews

White Background



This preview shows how the Yxy color 29.8618, 0.3799, 0.3265 looks on a white background.

Color Contrast Check

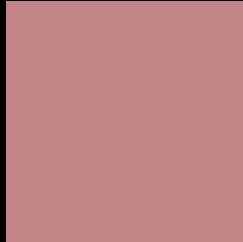
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8618, 0.3799, 0.3265 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 29.8618, 0.3799, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 29.8618, 0.3799, 0.3265.



This preview shows how white text looks on a background with the Yxy color 29.8618, 0.3799, 0.3265.

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

29.8618, 0.3799, 0.3265

Protanopia

29.9353, 0.3228, 0.3368

Deuteranopia

30.0750, 0.3513, 0.3456



Tritanopia

29.9249, 0.3732, 0.3156

Trichromacy



Original Color

29.8618, 0.3799, 0.3265

Protanomaly

29.8632, 0.3430, 0.3336

Deuteranomaly

29.9424, 0.3615, 0.3378

Tritanomaly

29.8359, 0.3767, 0.3197

Monochromacy



Original Color

29.8618, 0.3799, 0.3265

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.0978, 0.3353, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8618, 0.3799, 0.3265 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(193, 133, 135)` looks like.

```
.text, #text, p{  
    color:rgb(193, 133, 135)  
}
```

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(193, 133, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 133, 135) }
```

Border

The CSS property to change the border of an element to Yxy 29.8618, 0.3799, 0.3265 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(193, 133, 135) }
```

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

```
.border{ border-color:rgb(193, 133, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 133, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 133, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 133, 135);  
box-shadow:4px 4px 4px 4px rgb(193, 133,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8618, 0.3799, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 133, 135) }
```

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

```
.background{ background-color: rgb(193,  
133, 135) }
```

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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