

Converting Colors

$Y_{xy}(29.7193, 0.3848, 0.3199)$

Have a look what the booklet for
Yxy(29.7193, 0.3848, 0.3199)
contains.

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Color

Yxy(29.7772, 0.3844, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	C68289
RGB	198, 130, 137
RGB Percent	78%, 51%, 54%
CMY	0.2236, 0.4901, 0.4628
CMYK	0.00, 0.34, 0.31, 0.22
HSL	354°, 37%, 64%
HSV	354°, 34%, 78%
XYZ	35.7810, 29.7772, 27.5246
YIQ	151.1300, 38.2810, 16.5930

Conversions

Conversions Part 2

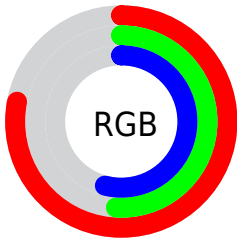
Format	Color
R_{YB}	198, 130, 137
Decimal	13009545
CIE _{Lab}	61.46, 27.14, 7.10
CIE _{LCh}	61, 28.055, 14.649
Yxy	29.7772, 0.3844, 0.3199
Android (android.graphics.Color)	4291199625 (0xFFC68289)
YUV	151.1300, -6.9661, 41.1050
Hunter-Lab	54.5685, 21.5492, 8.2918

Details

The Yxy color **29.7772, 0.3844, 0.3199** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8856, 0.2688, 0.3386**, and the grayscale version is **31.0247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2587, 0.3688, 0.3229**, and **12.1762, 0.4094, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **24.5394, 0.4167, 0.3174**, and if you desaturate by 10%, it is **36.1150, 0.3578, 0.3226**.

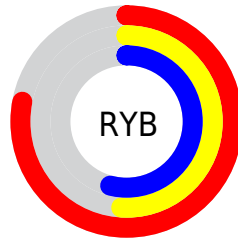
Distribution



Red (78%)

Green (51%)

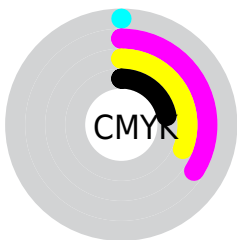
Blue (54%)



Red (78%)

Yellow (51%)

Blue (54%)

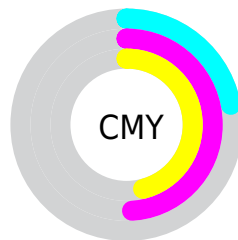


Cyan (0%)

Magenta (34%)

Yellow (31%)

Black (22%)



Cyan (22%)

Magenta (49%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7772, 0.3844, 0.3199 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 29.7772, 0.3844, 0.3199 by changing the saturation by 10% instead.


 29.7772, 0.3844,
0.3199


 29.7772, 0.3844,
0.3199


300.8645, 0.3456,
0.3255

 19.6695, 0.3952,
0.3181


 59.3097, 0.3695,
0.3222

 12.1551, 0.4096,
0.3155


 79.5032, 0.3642,
0.3230

 6.8494, 0.4302,
0.3115


 103.8276, 0.3598,
0.3236

 3.3681, 0.4614,
0.3046

132.6671, 0.3560,
0.3241

 1.3268, 0.5143,
0.2913

166.4061, 0.3528,
0.3246

 0.1618, 0.8346,
0.1654

205.4291, 0.3501,

 0.0000, 0.0000,


0.3249


0.0000


250.1205, 0.3477,
0.3252


 29.7772, 0.3844,
0.3199

 29.7772, 0.3844,
0.3199


 24.5394, 0.4167,
0.3174

 36.1150, 0.3578,
0.3226


 20.3350, 0.4550,
0.3153


 43.6061, 0.3364,
0.3254


 17.0967, 0.4982,
0.3143


 52.3054, 0.3191,
0.3279


 14.7475, 0.5432,
0.3149

 62.2629, 0.3052,
0.3303

 13.1987, 0.5845,
0.3174

 73.5260, 0.2940,
0.3325

 12.3428, 0.6161,
0.3216

 86.1395, 0.2849,
0.3345

 12.0539, 0.6288,
0.3237

 90.7423, 0.2794,
0.3289

Harmonies

Analogous

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



29.7772, 0.3449, 0.2872



29.7772, 0.3844, 0.3199



29.7772, 0.4032, 0.3564

Triad

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



29.7772, 0.3844, 0.3199



29.7772, 0.3216, 0.4062



29.7772, 0.2349, 0.2644

Complementary

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



29.7772, 0.3844, 0.3199



48.8856, 0.2688, 0.3386

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.



29.7772, 0.2299, 0.2911



29.7772, 0.3844, 0.3199



29.7772, 0.2779, 0.3767

Square

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



29.7772, 0.3844, 0.3199



29.7772, 0.3649, 0.4095



29.7772, 0.2450, 0.3324



29.7772, 0.2590, 0.2558

Rectangle

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



29.7772, 0.3844, 0.3199



29.7772, 0.4009, 0.3794



29.7772, 0.2450, 0.3324



29.7772, 0.2310, 0.2713

Sweetspot

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



29.7786, 0.3844, 0.3199



83.4085, 0.3287, 0.3265



30.9996, 0.3086, 0.2427



17.3927, 0.3312, 0.3261



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.



29.7786, 0.3844, 0.3199



45.7960, 0.4074, 0.3180



37.4146, 0.3810, 0.3636



10.6543, 0.3274, 0.3267



7.8473, 0.6268, 0.3226



0.3777, 0.5878, 0.3012

Inverse Universe

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



29.7786, 0.3844, 0.3199



45.7960, 0.4074, 0.3180



38.2999, 0.2597, 0.2914



10.6543, 0.3274, 0.3267



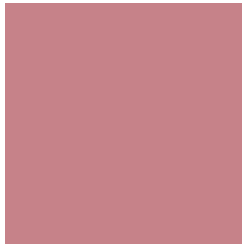
7.8473, 0.6268, 0.3226



0.3777, 0.5878, 0.3012

Previews

White Background



This preview shows how the Yxy color 29.7772, 0.3844, 0.3199 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 29.7772, 0.3844, 0.3199 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 29.7772, 0.3844, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 29.7772, 0.3844, 0.3199.



This preview shows how white text looks on a background with the Yxy color 29.7772, 0.3844, 0.3199.

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

29.7772, 0.3844, 0.3199

Protanopia

29.9618, 0.3178, 0.3306

Deuteranopia

29.7190, 0.3483, 0.3411



Tritanopia

29.8351, 0.3820, 0.3172

Trichromacy



Original Color

29.7772, 0.3844, 0.3199

Protanomaly

29.4679, 0.3414, 0.3261

Deuteranomaly

29.5382, 0.3611, 0.3320

Tritanomaly

29.8060, 0.3832, 0.3185

Monochromacy



Original Color

29.7772, 0.3844, 0.3199

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.0451, 0.3367, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7772, 0.3844, 0.3199 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(198, 130, 137)` looks like.

```
.text, #text, p{  
    color:rgb(198, 130, 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(198, 130, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 130, 137) }
```

Border

The CSS property to change the border of an element to Yxy 29.7772, 0.3844, 0.3199 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(198, 130, 137) }
```

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

```
.border{ border-color:rgb(198, 130, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 130, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 130, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 130, 137);  
box-shadow:4px 4px 4px 4px rgb(198, 130,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7772, 0.3844, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 130, 137) }
```

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

```
.background{ background-color: rgb(198,  
130, 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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