

Converting Colors

$Y_{xy}(29.3137, 0.3906, 0.3292)$

Have a look what the booklet for
Yxy(29.3137, 0.3906, 0.3292)
contains.

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Color

Yxy(29.3127, 0.3906, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	C48282
RGB	196, 130, 130
RGB Percent	77%, 51%, 51%
CMY	0.2313, 0.4902, 0.4901
CMYK	0.00, 0.34, 0.34, 0.23
HSL	360°, 36%, 64%
HSV	360°, 34%, 77%
XYZ	34.7799, 29.3127, 24.9496
YIQ	149.7340, 39.3360, 13.9920

Conversions

Conversions Part 2

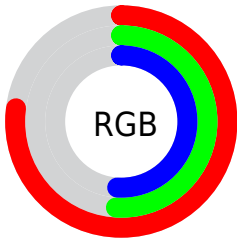
Format	Color
R _Y B	196, 130, 130
Decimal	12878466
CIE Lab	61.06, 25.49, 10.47
CIE LCh	61, 27.556, 22.332
Yxy	29.3127, 0.3906, 0.3292
Android (android.graphics.Color)	4291068546 (0xFFC48282)
YUV	149.7340, -9.7289, 40.5753
Hunter-Lab	54.1412, 19.9199, 10.5765

Details

The Yxy color **29.3127, 0.3906, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.2158, 0.2654, 0.3289**, and the grayscale version is **30.4113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7707, 0.3740, 0.3302**, and **11.9069, 0.4172, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **24.1099, 0.4265, 0.3293**, and if you desaturate by 10%, it is **35.6117, 0.3612, 0.3291**.

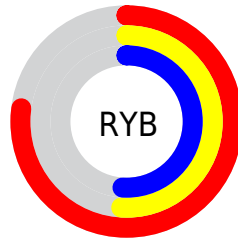
Distribution



Red (77%)

Green (51%)

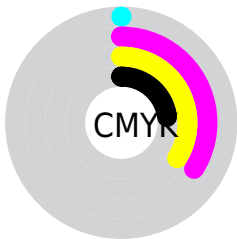
Blue (51%)



Red (77%)

Yellow (51%)

Blue (51%)

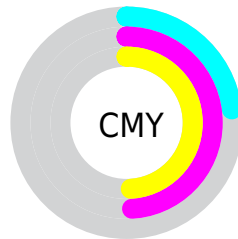


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (23%)



Cyan (23%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3127, 0.3906, 0.3292 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 29.3127, 0.3906, 0.3292 by changing the saturation by 10% instead.


 29.3127, 0.3906,
0.3292


 29.3127, 0.3906,
0.3292

298.6875, 0.3483,
0.3301


 19.3175, 0.4024,
0.3285


 58.5735, 0.3743,
0.3298

 11.8999, 0.4183,
0.3274


 78.6080, 0.3685,
0.3300

 6.6756, 0.4409,
0.3252


 102.7576, 0.3637,
0.3300

 3.2600, 0.4752,
0.3207

131.4068, 0.3596,
0.3301

 1.2690, 0.5386,
0.3132

164.9400, 0.3561,
0.3301

 0.1170, 0.8624,
0.1376


203.7416, 0.3532,

 0.0000, 0.0000,

0.3301


0.0000

248.1960, 0.3506,
0.3301


 29.3127, 0.3906,
0.3292

 29.3127, 0.3906,
0.3292


 24.1099, 0.4265,
0.3293


 35.6117, 0.3612,
0.3291


 19.9369, 0.4688,
0.3294

 43.0601, 0.3376,
0.3291

 16.7264, 0.5158,
0.3296


 51.7126, 0.3187,
0.3290


 14.4018, 0.5629,
0.3297

 61.6192, 0.3036,
0.3290

 12.8744, 0.6032,
0.3298

 72.8271, 0.2914,
0.3289

 12.0375, 0.6297,
0.3299

 85.3810, 0.2816,
0.3289

 11.7374, 0.6400,
0.3300

 90.4773, 0.2784,
0.3289

Harmonies

Analogous

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



29.3127, 0.3557, 0.2953



29.3127, 0.3906, 0.3292



29.3127, 0.4026, 0.3652

Triad

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



29.3127, 0.3906, 0.3292



29.3127, 0.3101, 0.3999



29.3127, 0.2402, 0.2613

Complementary

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



29.3127, 0.3906, 0.3292



48.2158, 0.2654, 0.3289

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.



29.3127, 0.2303, 0.2832



29.3127, 0.3906, 0.3292



29.3127, 0.2686, 0.3655

Square

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



29.3127, 0.3906, 0.3292



29.3127, 0.3541, 0.4102



29.3127, 0.2401, 0.3210



29.3127, 0.2684, 0.2573

Rectangle

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



29.3127, 0.3906, 0.3292



29.3127, 0.3959, 0.3866



29.3127, 0.2401, 0.3210



29.3127, 0.2347, 0.2666

Sweetspot

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



29.3141, 0.3906, 0.3292



83.2613, 0.3304, 0.3290



31.5410, 0.3155, 0.2461



17.3575, 0.3333, 0.3291



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.



29.3141, 0.3906, 0.3292



46.3434, 0.4148, 0.3293



39.1559, 0.3765, 0.3714



10.0779, 0.3289, 0.3290



7.5409, 0.6400, 0.3299



0.3258, 0.6399, 0.3299

Inverse Universe

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



29.3141, 0.3906, 0.3292



46.3434, 0.4148, 0.3293



35.3201, 0.2595, 0.2823



10.0779, 0.3289, 0.3290



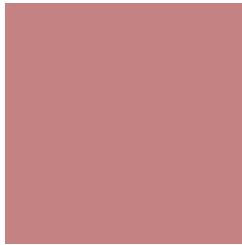
7.5409, 0.6400, 0.3299



0.3258, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 29.3127, 0.3906, 0.3292 looks on a white background.

Color Contrast Check

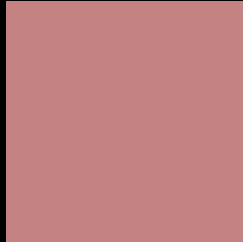
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3127, 0.3906, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

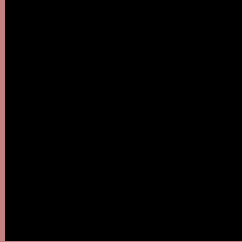
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3127, 0.3906, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 29.3127, 0.3906, 0.3292.



This preview shows how white text looks on a background with the Yxy color 29.3127, 0.3906, 0.3292.

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

29.3127, 0.3906, 0.3292

Protanopia

29.4069, 0.3258, 0.3416

Deuteranopia

29.3395, 0.3573, 0.3502



Tritanopia

29.4058, 0.3825, 0.3171

Trichromacy



Original Color

29.3127, 0.3906, 0.3292

Protanomaly

29.1522, 0.3478, 0.3366

Deuteranomaly

29.3456, 0.3690, 0.3422

Tritanomaly

29.3201, 0.3861, 0.3212

Monochromacy



Original Color

29.3127, 0.3906, 0.3292

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.8436, 0.3387, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3127, 0.3906, 0.3292 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(196, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(196, 130, 130)  
}
```

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(196, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 130, 130) }
```

Border

The CSS property to change the border of an element to Yxy 29.3127, 0.3906, 0.3292 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(196, 130, 130) }
```

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

```
.border{ border-color:rgb(196, 130, 130) }
```

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

Here you see how a box with a 4 pixel rgb(196, 130, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 130, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 130, 130);  
box-shadow:4px 4px 4px 4px rgb(196, 130,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3127, 0.3906, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 130, 130) }
```

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

```
.background{ background-color: rgb(196,  
130, 130) }
```

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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