

Converting Colors

$Y_{xy}(28.6150, 0.4091, 0.3294)$

Have a look what the booklet for
Yxy(28.6150, 0.4091, 0.3294)
contains.

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Color

Yxy(28.5670, 0.4089, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	CB7C7C
RGB	203, 124, 124
RGB Percent	80%, 49%, 49%
CMY	0.2040, 0.5137, 0.5137
CMYK	0.00, 0.39, 0.39, 0.20
HSL	0°, 43%, 64%
HSV	0°, 39%, 80%
XYZ	35.4724, 28.5670, 22.7113
YIQ	147.6210, 47.0840, 16.7480

Conversions

Conversions Part 2

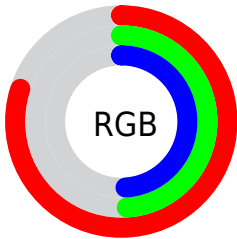
Format	Color
R _{YB}	203, 124, 124
Decimal	13335676
CIE Lab	60.40, 30.69, 13.11
CIE LCh	60, 33.370, 23.131
Yxy	28.5670, 0.4089, 0.3293
Android (android.graphics.Color)	4291525756 (0xFFC7B7C7C)
YUV	147.6210, -11.6452, 48.5674
Hunter-Lab	53.4481, 24.9324, 12.2200

Details

The Yxy color **28.5670, 0.4089, 0.3293** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **51.2969, 0.2592, 0.3288**, and the grayscale version is **29.4838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8389, 0.3833, 0.3303**, and **11.5166, 0.4431, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **23.5321, 0.4484, 0.3294**, and if you desaturate by 10%, it is **34.7573, 0.3760, 0.3292**.

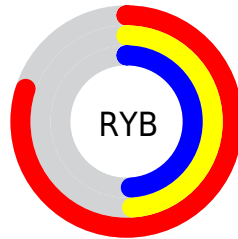
Distribution



Red (80%)

Green (49%)

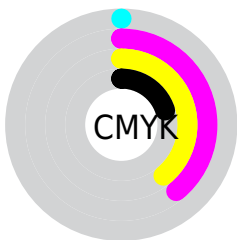
Blue (49%)



Red (80%)

Yellow (49%)

Blue (49%)

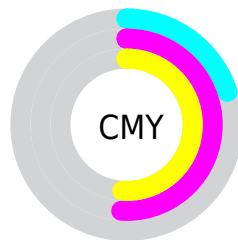


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (20%)



Cyan (20%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5670, 0.4089, 0.3293 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 28.5670, 0.4089, 0.3293 by changing the saturation by 10% instead.


 28.5670, 0.4089,
0.3293


 28.5670, 0.4089,
0.3293


295.1664, 0.3564,
0.3307


 18.7535, 0.4235,
0.3283


 57.3884, 0.3887,
0.3303

 11.4923, 0.4433,
0.3265


 77.1651, 0.3815,
0.3305

 6.3990, 0.4713,
0.3231


 101.0317, 0.3755,
0.3306

 3.0892, 0.5135,
0.3161

129.3726, 0.3704,
0.3307

 1.1785, 0.6021,
0.3095

162.5721, 0.3662,
0.3307

 0.0440, 0.9473,
0.0527

201.0146, 0.3625,

 0.0000, 0.0000,

0.3307

0.0000

245.0846, 0.3592,
0.3307

■ 28.5670, 0.4089,
0.3293

■ 28.5670, 0.4089,
0.3293

■ 23.5321, 0.4484,
0.3294

■ 34.7573, 0.3760,
0.3292

■ 19.5770, 0.4937,
0.3296

■ 42.1638, 0.3494,
0.3291

■ 16.6242, 0.5417,
0.3297

■ 50.8482, 0.3281,
0.3291


■ 14.5837, 0.5861,
0.3298

■ 60.8668, 0.3110,
0.3290

■ 13.3497, 0.6197,
0.3299

■ 72.2725, 0.2974,
0.3290

 12.7488, 0.6383,
0.3300

 85.1154, 0.2864,
0.3289

 12.6962, 0.6401,
0.3300

 91.4353, 0.2822,
0.3289

Harmonies

Analogous

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



28.5670, 0.3664, 0.2892



28.5670, 0.4089, 0.3293



28.5670, 0.4223, 0.3722

Triad

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



28.5670, 0.4089, 0.3293



28.5670, 0.3071, 0.4164



28.5670, 0.2262, 0.2469

Complementary

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



28.5670, 0.4089, 0.3293



51.2969, 0.2592, 0.3288

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.



28.5670, 0.2139, 0.2716



28.5670, 0.4089, 0.3293



28.5670, 0.2576, 0.3725

Square

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



28.5670, 0.4089, 0.3293



28.5670, 0.3607, 0.4287



28.5670, 0.2246, 0.3168



28.5670, 0.2600, 0.2433

Rectangle

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



28.5670, 0.4089, 0.3293



28.5670, 0.4130, 0.3984



28.5670, 0.2246, 0.3168



28.5670, 0.2196, 0.2527

Sweetspot

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



28.5684, 0.4089, 0.3293



80.1933, 0.3345, 0.3291



31.4209, 0.3172, 0.2339



16.7459, 0.3372, 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.



28.5684, 0.4089, 0.3293



40.3898, 0.4430, 0.3294



40.5204, 0.3886, 0.3799



11.2140, 0.3290, 0.3291



8.0807, 0.6401, 0.3300



0.4170, 0.6400, 0.3300

Inverse Universe

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



51.2969, 0.2592, 0.3288



83.8887, 0.2501, 0.3288



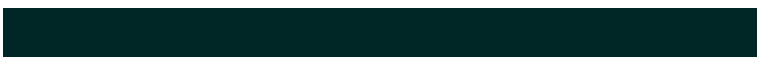
34.9661, 0.2506, 0.2715



12.7267, 0.2984, 0.3290



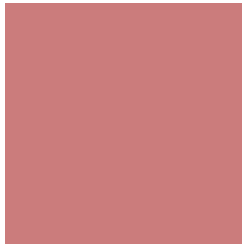
29.9141, 0.2246, 0.3287



1.5434, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 28.5670, 0.4089, 0.3293 looks on a white background.

Color Contrast Check

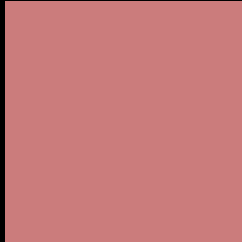
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5670, 0.4089, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

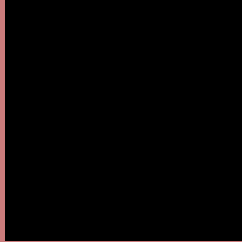
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5670, 0.4089, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 28.5670, 0.4089, 0.3293.



This preview shows how white text looks on a background with the Yxy color 28.5670, 0.4089, 0.3293.

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

28.5670, 0.4089, 0.3293

Protanopia

28.8863, 0.3289, 0.3466

Deuteranopia

28.5717, 0.3657, 0.3579



Tritanopia

28.6692, 0.4004, 0.3176

Trichromacy



Original Color

28.5670, 0.4089, 0.3293

Protanomaly

28.3617, 0.3564, 0.3396

Deuteranomaly

28.2791, 0.3810, 0.3465

Tritanomaly

28.5883, 0.4042, 0.3215

Monochromacy



Original Color

28.5670, 0.4089, 0.3293

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.6541, 0.3450, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5670, 0.4089, 0.3293 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(203, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(203, 124, 124)  
}
```

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(203, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 124, 124) }
```

Border

The CSS property to change the border of an element to Yxy 28.5670, 0.4089, 0.3293 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(203, 124, 124) }
```

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

```
.border{ border-color:rgb(203, 124, 124) }
```

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

Here you see how a box with a 4 pixel rgb(203, 124, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(203, 124,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5670, 0.4089, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 124, 124) }
```

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

```
.background{ background-color: rgb(203,  
124, 124) }
```

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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