

Converting Colors

$Y_{xy}(28.9001, 0.4105, 0.3222)$

Have a look what the booklet for
Yxy(28.9001, 0.4105, 0.3222)
contains.

Yxy(28.8875, 0.4105, 0.3216)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.8875, 0.4105, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	D07A80
RGB	208, 122, 128
RGB Percent	82%, 48%, 50%
CMY	0.1843, 0.5216, 0.4979
CMYK	0.00, 0.41, 0.38, 0.18
HSL	356°, 48%, 65%
HSV	356°, 41%, 82%
XYZ	36.8729, 28.8875, 24.0639
YIQ	148.3980, 49.3300, 20.0980

Conversions

Conversions Part 2

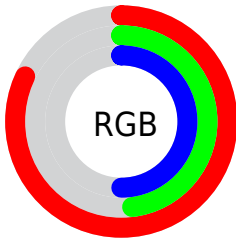
Format	Color
R _Y B	208, 122, 128
Decimal	13662848
CIE Lab	60.68, 34.14, 11.29
CIE LCh	61, 35.956, 18.301
Yxy	28.8875, 0.4105, 0.3216
Android (android.graphics.Color)	4291852928 (0xFFD07A80)
YUV	148.3980, -10.0562, 52.2710
Hunter-Lab	53.7471, 28.4015, 11.0773

Details

The Yxy color **28.8875, 0.4105, 0.3216** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **53.5197, 0.2597, 0.3371**, and the grayscale version is **29.8178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6469, 0.3790, 0.3239**, and **11.6503, 0.4457, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **23.8542, 0.4487, 0.3202**, and if you desaturate by 10%, it is **35.1139, 0.3785, 0.3234**.

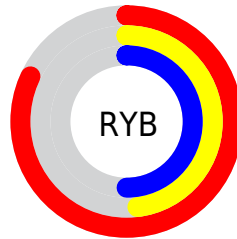
Distribution



Red (82%)

Green (48%)

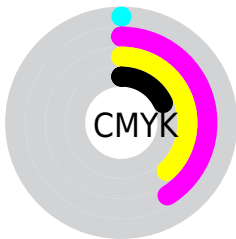
Blue (50%)



Red (82%)

Yellow (48%)

Blue (50%)

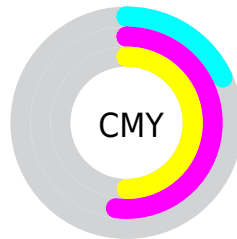


Cyan (0%)

Magenta (41%)

Yellow (38%)

Black (18%)



Cyan (18%)


Magenta (52%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.8875, 0.4105, 0.3216 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 28.8875, 0.4105, 0.3216 by changing the saturation by 10% instead.


 28.8875, 0.4105,
0.3216


 28.8875, 0.4105,
0.3216


296.6838, 0.3573,
0.3270

 18.9957, 0.4253,
0.3195


 57.8983, 0.3901,
0.3241

 11.6672, 0.4452,
0.3164


 77.7861, 0.3827,
0.3248

 6.5175, 0.4734,
0.3113


 101.7747, 0.3766,
0.3254

 3.1622, 0.5158,
0.3019

130.2486, 0.3715,
0.3259

 1.2170, 0.5953,
0.2872

163.5920, 0.3672,
0.3262

 0.0755, 0.9231,
0.0769

202.1894, 0.3634,

 0.0000, 0.0000,

0.3266


0.0000


246.4252, 0.3601,
0.3268


 28.8875, 0.4105,
0.3216


 28.8875, 0.4105,
0.3216

 23.8542, 0.4487,
0.3202


 35.1139, 0.3785,
0.3234


 19.9339, 0.4923,
0.3193


 42.5984, 0.3525,
0.3252

 17.0432, 0.5385,
0.3196

 51.4064, 0.3315,
0.3271


 15.0853, 0.5817,
0.3211


 61.5975, 0.3147,
0.3288

 13.9449, 0.6153,
0.3240

 73.2277, 0.3012,
0.3304

 13.4454, 0.6335,
0.3263

 86.3499, 0.2903,
0.3318

 92.1521, 0.2849,
0.3289

Harmonies

Analogous

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



28.8875, 0.3610, 0.2804



28.8875, 0.4105, 0.3216



28.8875, 0.4304, 0.3672

Triad

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



28.8875, 0.4105, 0.3216



28.8875, 0.3156, 0.4282



28.8875, 0.2168, 0.2439

Complementary

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



28.8875, 0.4105, 0.3216



53.5197, 0.2597, 0.3371

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.



28.8875, 0.2076, 0.2736



28.8875, 0.4105, 0.3216



28.8875, 0.2611, 0.3852

Square

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



28.8875, 0.4105, 0.3216



28.8875, 0.3722, 0.4346



28.8875, 0.2227, 0.3249



28.8875, 0.2491, 0.2370

Rectangle

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



28.8875, 0.4105, 0.3216



28.8875, 0.4238, 0.3962



28.8875, 0.2227, 0.3249



28.8875, 0.2111, 0.2512

Sweetspot

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



28.8889, 0.4105, 0.3216



80.3076, 0.3330, 0.3269



30.8687, 0.3102, 0.2259



16.7725, 0.3356, 0.3267



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.



28.8889, 0.4105, 0.3216



38.3584, 0.4456, 0.3202



39.2150, 0.3985, 0.3745



11.8215, 0.3280, 0.3274



8.3839, 0.6318, 0.3254



0.4736, 0.6064, 0.3114

Inverse Universe

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



28.8889, 0.4105, 0.3216



38.3584, 0.4456, 0.3202



38.2629, 0.2483, 0.2778



11.8215, 0.3280, 0.3274



8.3839, 0.6318, 0.3254



0.4736, 0.6064, 0.3114

Previews

White Background



This preview shows how the Yxy color 28.8875, 0.4105, 0.3216 looks on a white background.

Color Contrast Check

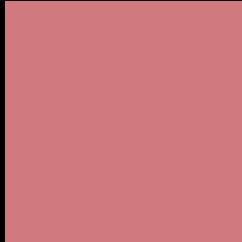
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8875, 0.4105, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

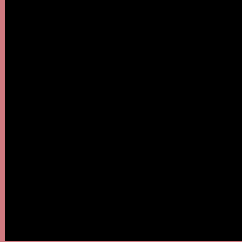
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8875, 0.4105, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 28.8875, 0.4105, 0.3216.



This preview shows how white text looks on a background with the Yxy color 28.8875, 0.4105, 0.3216.

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

28.8875, 0.4105, 0.3216

Protanopia

29.0602, 0.3229, 0.3369

Deuteranopia

28.9654, 0.3609, 0.3533



Tritanopia

28.9677, 0.4067, 0.3178

Trichromacy



Original Color

28.8875, 0.4105, 0.3216

Protanomaly

28.4396, 0.3534, 0.3306

Deuteranomaly

28.6238, 0.3787, 0.3406

Tritanomaly

28.9407, 0.4080, 0.3191

Monochromacy



Original Color

28.8875, 0.4105, 0.3216

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.9344, 0.3451, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8875, 0.4105, 0.3216 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(208, 122, 128)` looks like.

```
.text, #text, p{  
    color:rgb(208, 122, 128)  
}
```

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(208, 122, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 122, 128) }
```

Border

The CSS property to change the border of an element to Yxy 28.8875, 0.4105, 0.3216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

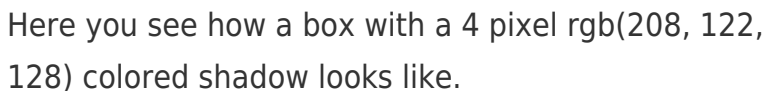
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 122, 128) }
```

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

```
.border{ border-color:rgb(208, 122, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 122, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 122, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 122, 128);  
box-shadow:4px 4px 4px 4px rgb(208, 122,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8875, 0.4105, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 122, 128) }
```

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

```
.background{ background-color: rgb(208,  
122, 128) }
```

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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