

Converting Colors

$Yxy(32.7456, 0.3835, 0.3290)$

Have a look what the booklet for
Yxy(32.7456, 0.3835, 0.3290)
contains.

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Color

Yxy(32.8859, 0.3829, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	CA8B8B
RGB	202, 139, 139
RGB Percent	79%, 55%, 55%
CMY	0.2078, 0.4549, 0.4549
CMYK	0.00, 0.31, 0.31, 0.21
HSL	360°, 37%, 67%
HSV	360°, 31%, 79%
XYZ	38.2503, 32.8859, 28.7602
YIQ	157.8370, 37.5480, 13.3560

Conversions

Conversions Part 2

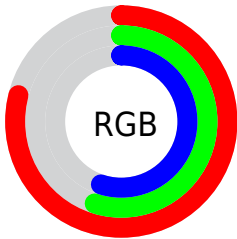
Format	Color
R _Y B	202, 139, 139
Decimal	13273995
CIE Lab	64.07, 24.03, 9.73
CIE LCh	64, 25.921, 22.036
Yxy	32.8859, 0.3829, 0.3292
Android (android.graphics.Color)	4291464075 (0xFFCA8B8B)
YUV	157.8370, -9.2866, 38.7310
Hunter-Lab	57.3462, 18.7049, 10.4073

Details

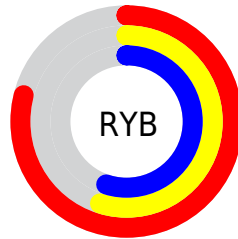
The Yxy color **32.8859, 0.3829, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.9947, 0.2684, 0.3289**, and the grayscale version is **34.1455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2057, 0.3648, 0.3302**, and **13.8117, 0.4066, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **27.0311, 0.4172, 0.3293**, and if you desaturate by 10%, it is **39.9337, 0.3549, 0.3291**.

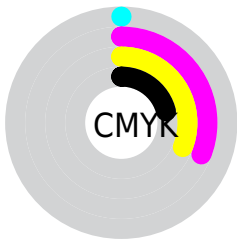
Distribution



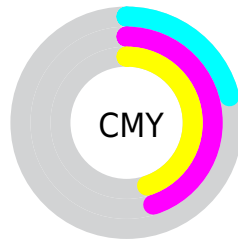
- Red (79%)
- Green (55%)
- Blue (55%)



- Red (79%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (31%)
- Yellow (31%)
- Black (21%)





- Cyan (21%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8859, 0.3829, 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 32.8859, 0.3829, 0.3292 by changing the saturation by 10% instead.


 32.8859, 0.3829,
0.3292


 32.8859, 0.3829,
0.3292


315.1353, 0.3454,
0.3299


 22.0391, 0.3931,
0.3287


 64.1973, 0.3687,
0.3297

 13.8856, 0.4066,
0.3278


 85.4307, 0.3635,
0.3298

 8.0411, 0.4256,
0.3262


 110.8951, 0.3593,
0.3299

 4.1213, 0.4538,
0.3230

140.9748, 0.3556,
0.3299

 1.7416, 0.4999,
0.3158

176.0543, 0.3525,
0.3299

 0.4504, 0.6951,
0.3049


216.5180, 0.3498,

 0.0000, 0.0000,


0.3299


0.0000


262.7501, 0.3475,
0.3299

 32.8859, 0.3829,
0.3292


 32.8859, 0.3829,
0.3292


 27.0311, 0.4172,
0.3293


 39.9337, 0.3549,
0.3291


 22.2989, 0.4582,
0.3294


 48.2304, 0.3325,
0.3291


 18.6190, 0.5045,
0.3296

 57.8339, 0.3146,
0.3290

 15.9110, 0.5522,
0.3297

 68.7975, 0.3002,
0.3290

 14.0831, 0.5949,
0.3298

 81.1710, 0.2887,
0.3289

■ 13.0259, 0.6250,
0.3299

■ 91.2966, 0.2816,
0.3289

■ 12.5566, 0.6401,
0.3300

Harmonies

Analogous

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



32.8859, 0.3514, 0.2981



32.8859, 0.3829, 0.3292



32.8859, 0.3941, 0.3621

Triad

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



32.8859, 0.3829, 0.3292



32.8859, 0.3110, 0.3929



32.8859, 0.2465, 0.2676

Complementary

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



32.8859, 0.3829, 0.3292



51.9947, 0.2684, 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.



32.8859, 0.2375, 0.2880



32.8859, 0.3829, 0.3292



32.8859, 0.2731, 0.3623

Square

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



32.8859, 0.3829, 0.3292



32.8859, 0.3509, 0.4023



32.8859, 0.2468, 0.3225



32.8859, 0.2722, 0.2635

Rectangle

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



32.8859, 0.3829, 0.3292



32.8859, 0.3884, 0.3815



32.8859, 0.2468, 0.3225



32.8859, 0.2415, 0.2726

Sweetspot

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



32.8875, 0.3829, 0.3292



84.8305, 0.3285, 0.3290



35.1415, 0.3153, 0.2520



17.6700, 0.3313, 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.



32.8875, 0.3829, 0.3292



49.1886, 0.4038, 0.3293



42.9654, 0.3710, 0.3682



11.2137, 0.3290, 0.3290



8.0800, 0.6401, 0.3300



0.4168, 0.6400, 0.3300

Inverse Universe

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



32.8875, 0.3829, 0.3292



49.1886, 0.4038, 0.3293



39.0886, 0.2634, 0.2862



11.2137, 0.3290, 0.3290



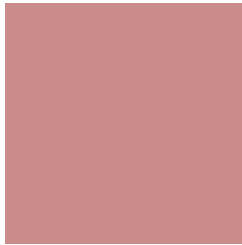
8.0800, 0.6401, 0.3300



0.4168, 0.6400, 0.3300

Previews

White Background



This preview shows how the Yxy color 32.8859, 0.3829, 0.3292 looks on a white background.

Color Contrast Check

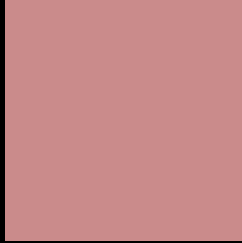
Large Text (above 18pt) WCAG AA × Fail

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 32.8859, 0.3829, 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 ✓ Pass

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

Yxy 32.8859, 0.3829, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 32.8859, 0.3829, 0.3292.



This preview shows how white text looks on a background with the Yxy color 32.8859, 0.3829, 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

32.8859, 0.3829, 0.3292

Protanopia

33.0544, 0.3242, 0.3395

Deuteranopia

32.9659, 0.3540, 0.3478



Tritanopia

33.0116, 0.3741, 0.3162

Trichromacy



Original Color

32.8859, 0.3829, 0.3292

Protanomaly

32.6532, 0.3439, 0.3349

Deuteranomaly

32.8319, 0.3640, 0.3403

Tritanomaly

32.9178, 0.3776, 0.3201

Monochromacy



Original Color

32.8859, 0.3829, 0.3292

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.3663, 0.3364, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8859, 0.3829, 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(202, 139, 139)` looks like.

```
.text, #text, p{  
    color:rgb(202, 139, 139)  
}
```

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(202, 139, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 139, 139) }
```

Border

The CSS property to change the border of an element to Yxy 32.8859, 0.3829, 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(202, 139, 139) }
```

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

```
.border{ border-color:rgb(202, 139, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 139, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 139, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 139, 139); box-shadow:4px 4px 4px 4px rgb(202, 139, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8859, 0.3829, 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(202, 139, 139) }
```

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

```
.background{ background-color: rgb(202,  
139, 139) }
```

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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