

Converting Colors

$Yxy(32.8900, 0.3744, 0.3286)$

Have a look what the booklet for
Yxy(32.8900, 0.3744, 0.3286)
contains.

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Color

Yxy(32.8432, 0.3744, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	C58D8D
RGB	197, 141, 141
RGB Percent	77%, 55%, 55%
CMY	0.2276, 0.4470, 0.4470
CMYK	0.00, 0.28, 0.28, 0.23
HSL	0°, 33%, 66%
HSV	0°, 28%, 77%
XYZ	37.3527, 32.8432, 29.5709
YIQ	157.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

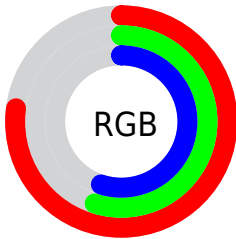
Format	Color
RYB	197, 141, 141
Decimal	12946829
CIELab	64.03, 21.27, 8.47
CIELCh	64, 22.891, 21.719
Yxy	32.8432, 0.3744, 0.3292
Android (android.graphics.Color)	4291136909 (0xFFC58D8D)
YUV	157.7440, -8.2548, 34.4275
Hunter-Lab	57.3090, 16.0514, 9.5233

Details

The Yxy color **32.8432, 0.3744, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.6041, 0.2719, 0.3289**, and the grayscale version is **34.0973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2303, 0.3618, 0.3291**, and **13.8184, 0.3957, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **27.0087, 0.4068, 0.3293**, and if you desaturate by 10%, it is **39.8175, 0.3481, 0.3291**.

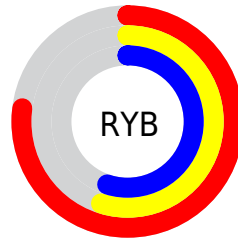
Distribution



Red (77%)

Green (55%)

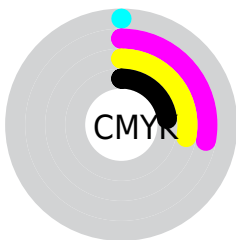
Blue (55%)



Red (77%)

Yellow (55%)

Blue (55%)

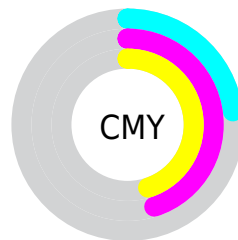


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (23%)



Cyan (23%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8432, 0.3744, 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 32.8432, 0.3744, 0.3292 by changing the saturation by 10% instead.


 32.8432, 0.3744,
0.3292

 32.8432, 0.3744,
0.3292


314.9426, 0.3415,
0.3297


 22.0064, 0.3833,
0.3288


 64.1306, 0.3619,
0.3296

 13.8616, 0.3953,
0.3282


 85.3500, 0.3574,
0.3296

 8.0244, 0.4120,
0.3269


 110.7991, 0.3536,
0.3297

 4.1106, 0.4370,
0.3245

140.8621, 0.3504,
0.3297

 1.7356, 0.4782,
0.3188

175.9236, 0.3477,
0.3297

 0.4466, 0.6797,
0.3203

216.3679, 0.3454,


 0.0000, 0.0000,

0.3297


0.0000


262.5795, 0.3433,
0.3297


 32.8432, 0.3744,
0.3292


 32.8432, 0.3744,
0.3292


 27.0087, 0.4068,
0.3293


 39.8175, 0.3481,
0.3291

 22.2492, 0.4459,
0.3294


 47.9826, 0.3271,
0.3290


 18.5003, 0.4908,
0.3296

 57.3924, 0.3103,
0.3290

 15.6893, 0.5386,
0.3297

 68.0957, 0.2968,
0.3289

 13.7332, 0.5835,
0.3298

 80.1390, 0.2860,
0.3289

■ 12.5350, 0.6179,
0.3299

■ 90.6061, 0.2789,
0.3289

■ 11.9420, 0.6374,
0.3300

■ 11.8674, 0.6401,
0.3300

Harmonies

Analogous

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



32.8432, 0.3466, 0.3013



32.8432, 0.3744, 0.3292



32.8432, 0.3846, 0.3585

Triad

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



32.8432, 0.3744, 0.3292



32.8432, 0.3118, 0.3852



32.8432, 0.2536, 0.2746

Complementary

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



32.8432, 0.3744, 0.3292



49.6041, 0.2719, 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.



32.8432, 0.2458, 0.2933



32.8432, 0.3744, 0.3292



32.8432, 0.2781, 0.3587

Square

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



32.8432, 0.3744, 0.3292



32.8432, 0.3471, 0.3935



32.8432, 0.2544, 0.3239



32.8432, 0.2766, 0.2706

Rectangle

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



32.8432, 0.3744, 0.3292



32.8432, 0.3798, 0.3756



32.8432, 0.2544, 0.3239



32.8432, 0.2492, 0.2793

Sweetspot

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



32.8447, 0.3744, 0.3292



84.8341, 0.3285, 0.3291



34.9467, 0.3160, 0.2591



17.6709, 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.



32.8447, 0.3744, 0.3292



52.2236, 0.3934, 0.3293



42.1601, 0.3644, 0.3657



10.6374, 0.3290, 0.3291



7.8087, 0.6401, 0.3300



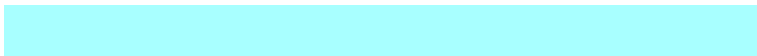
0.3699, 0.6400, 0.3301

Inverse Universe

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



49.6041, 0.2719, 0.3289



87.0821, 0.2644, 0.3288



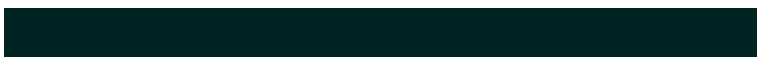
38.0636, 0.2678, 0.2892



12.0671, 0.2984, 0.3290



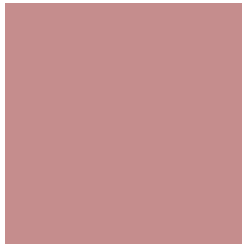
28.9005, 0.2246, 0.3287



1.3686, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 32.8432, 0.3744, 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 32.8432, 0.3744, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

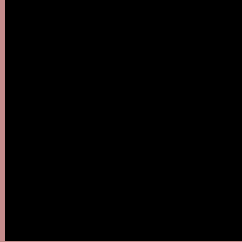
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8432, 0.3744, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 32.8432, 0.3744, 0.3292.



This preview shows how white text looks on a background with the Yxy color 32.8432, 0.3744, 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

32.8432, 0.3744, 0.3292

Protanopia

33.0544, 0.3242, 0.3395

Deuteranopia

32.9069, 0.3509, 0.3450



Tritanopia

32.9639, 0.3658, 0.3159

Trichromacy



Original Color

32.8432, 0.3744, 0.3292

Protanomaly

32.7413, 0.3416, 0.3363

Deuteranomaly

32.9512, 0.3594, 0.3389

Tritanomaly

32.8685, 0.3692, 0.3199

Monochromacy



Original Color

32.8432, 0.3744, 0.3292

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.4941, 0.3331, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8432, 0.3744, 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(197, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(197, 141, 141)  
}
```

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(197, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 141, 141) }
```

Border

The CSS property to change the border of an element to Yxy 32.8432, 0.3744, 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(197, 141, 141) }
```

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

```
.border{ border-color:rgb(197, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(197, 141,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8432, 0.3744, 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(197, 141, 141) }
```

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

```
.background{ background-color: rgb(197,  
141, 141) }
```

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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