

Converting Colors

$Yxy(32.8047, 0.3788, 0.3304)$

Have a look what the booklet for
Yxy(32.8047, 0.3788, 0.3304)
contains.

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Color

Yxy(32.7624, 0.3792, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	C78C8B
RGB	199, 140, 139
RGB Percent	78%, 55%, 55%
CMY	0.2197, 0.4509, 0.4548
CMYK	0.00, 0.30, 0.30, 0.22
HSL	1°, 35%, 66%
HSV	1°, 30%, 78%
XYZ	37.5900, 32.7624, 28.7774
YIQ	157.5270, 35.4850, 12.1970

Conversions

Conversions Part 2

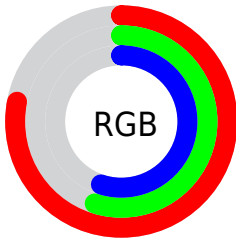
Format	Color
R _Y B	199, 140, 139
Decimal	13077643
CIE Lab	63.97, 22.32, 9.53
CIE LCh	64, 24.271, 23.111
Yxy	32.7624, 0.3792, 0.3305
Android (android.graphics.Color)	4291267723 (0xFFC78C8B)
YUV	157.5270, -9.1338, 36.3718
Hunter-Lab	57.2384, 17.0584, 10.2581

Details

The Yxy color **32.7624, 0.3792, 0.3305** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.0021, 0.2696, 0.3275**, and the grayscale version is **33.9981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6493, 0.3645, 0.3312**, and **13.7953, 0.4028, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **27.0137, 0.4124, 0.3310**, and if you desaturate by 10%, it is **39.6373, 0.3521, 0.3300**.

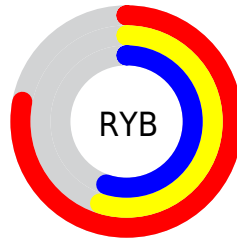
Distribution



Red (78%)

Green (55%)

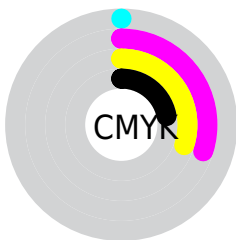
Blue (55%)



Red (78%)

Yellow (55%)

Blue (55%)

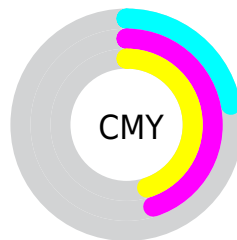


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (22%)



Cyan (22%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.7624, 0.3792, 0.3305 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 32.7624, 0.3792, 0.3305 by changing the saturation by 10% instead.


 32.7624, 0.3792,
0.3305


 32.7624, 0.3792,
0.3305


314.5777, 0.3437,
0.3305


 21.9445, 0.3889,
0.3302


 64.0044, 0.3657,
0.3307

 13.8161, 0.4017,
0.3297


 85.1973, 0.3608,
0.3307

 7.9929, 0.4198,
0.3285


 110.6173, 0.3568,
0.3307

 4.0904, 0.4467,
0.3261

140.6488, 0.3533,
0.3306

 1.7243, 0.4908,
0.3201

175.6762, 0.3504,
0.3306

 0.4393, 0.6879,
0.3121

216.0839, 0.3479,

 0.0000, 0.0000,


0.3306

0.0000


262.2563, 0.3456,
0.3305

 32.7624, 0.3792,
0.3305


 32.7624, 0.3792,
0.3305


 27.0137, 0.4124,
0.3310

 39.6373, 0.3521,
0.3300

 22.3269, 0.4522,
0.3315


 47.6890, 0.3304,
0.3295


 18.6383, 0.4975,
0.3319

 56.9706, 0.3129,
0.3290

 15.8757, 0.5449,
0.3320

 67.5308, 0.2989,
0.3286

 13.9570, 0.5885,
0.3318

 79.4153, 0.2876,
0.3282

■ 12.7857, 0.6209,
0.3312

■ 90.8802, 0.2800,
0.3289

■ 12.2112, 0.6390,
0.3308

Harmonies

Analogous

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



32.7624, 0.3503, 0.3009



32.7624, 0.3792, 0.3305



32.7624, 0.3890, 0.3614

Triad

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



32.7624, 0.3792, 0.3305



32.7624, 0.3099, 0.3880



32.7624, 0.2510, 0.2709

Complementary

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



32.7624, 0.3792, 0.3305



50.0021, 0.2696, 0.3275

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.



32.7624, 0.2419, 0.2897



32.7624, 0.3792, 0.3305



32.7624, 0.2745, 0.3589

Square

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



32.7624, 0.3792, 0.3305



32.7624, 0.3475, 0.3976



32.7624, 0.2502, 0.3218



32.7624, 0.2758, 0.2674

Rectangle

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



32.7624, 0.3792, 0.3305



32.7624, 0.3831, 0.3793



32.7624, 0.2502, 0.3218



32.7624, 0.2461, 0.2755

Sweetspot

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



32.7640, 0.3792, 0.3305



85.0431, 0.3284, 0.3294



34.7352, 0.3162, 0.2549



17.7218, 0.3313, 0.3295



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.



32.7640, 0.3792, 0.3305



50.7170, 0.3997, 0.3309



42.3827, 0.3682, 0.3680



10.6644, 0.3289, 0.3294



7.8659, 0.6387, 0.3311



0.3824, 0.6337, 0.3350

Inverse Universe

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



50.0021, 0.2696, 0.3275



85.5885, 0.2618, 0.3272



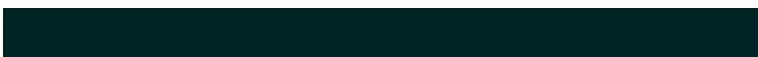
37.9916, 0.2650, 0.2864



12.0365, 0.2984, 0.3286



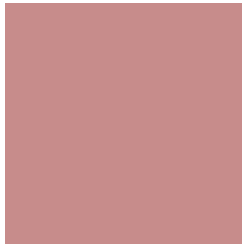
27.9727, 0.2233, 0.3238



1.3343, 0.2236, 0.3249

Previews

White Background



This preview shows how the Yxy color 32.7624, 0.3792, 0.3305 looks on a white background.

Color Contrast Check

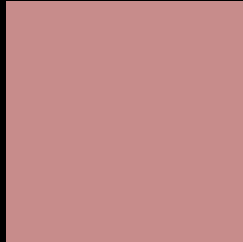
Large Text (above 18pt) WCAG AA × Fail

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 32.7624, 0.3792, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

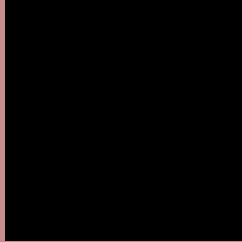
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7624, 0.3792, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 32.7624, 0.3792, 0.3305.



This preview shows how white text looks on a background with the Yxy color 32.7624, 0.3792, 0.3305.

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

32.7624, 0.3792, 0.3305

Protanopia

33.0229, 0.3252, 0.3411

Deuteranopia

32.9659, 0.3540, 0.3478



Tritanopia

32.6262, 0.3698, 0.3147

Trichromacy



Original Color

32.7624, 0.3792, 0.3305

Protanomaly

32.8250, 0.3436, 0.3378

Deuteranomaly

32.7070, 0.3629, 0.3403

Tritanomaly

32.7889, 0.3739, 0.3213

Monochromacy



Original Color

32.7624, 0.3792, 0.3305

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.2518, 0.3353, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7624, 0.3792, 0.3305 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(199, 140, 139)` looks like.

```
.text, #text, p{  
    color:rgb(199, 140, 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(199, 140, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 140, 139) }
```

Border

The CSS property to change the border of an element to Yxy 32.7624, 0.3792, 0.3305 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(199, 140, 139) }
```

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

```
.border{ border-color:rgb(199, 140, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 140, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 140, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 140, 139);  
box-shadow:4px 4px 4px 4px rgb(199, 140,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7624, 0.3792, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 140, 139) }
```

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

```
.background{ background-color: rgb(199,  
140, 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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