

Converting Colors

Yxy(31.9786, 0.3843, 0.3325)

Have a look what the booklet for
Yxy(31.9786, 0.3843, 0.3325)
contains.

Yxy(32.0683, 0.3846, 0.3332)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.0683, 0.3846, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	C78A87
RGB	199, 138, 135
RGB Percent	78%, 54%, 53%
CMY	0.2196, 0.4588, 0.4706
CMYK	0.00, 0.31, 0.32, 0.22
HSL	3°, 36%, 65%
HSV	3°, 32%, 78%
XYZ	37.0152, 32.0683, 27.1599
YIQ	155.8970, 37.3190, 11.9990

Conversions

Conversions Part 2

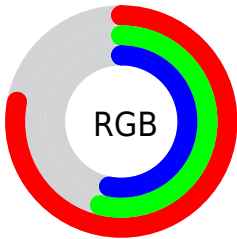
Format	Color
R _{YB}	199, 138, 135
Decimal	13077127
CIE Lab	63.40, 22.89, 11.00
CIE LCh	63, 25.399, 25.657
Yxy	32.0683, 0.3846, 0.3332
Android (android.graphics.Color)	4291267207 (0xFFC78A87)
YUV	155.8970, -10.3022, 37.8013
Hunter-Lab	56.6289, 17.5752, 11.2040

Details

The Yxy color **32.0683, 0.3846, 0.3332** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7534, 0.2667, 0.3247**, and the grayscale version is **33.2325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5901, 0.3684, 0.3333**, and **13.3119, 0.4095, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **26.5853, 0.4185, 0.3345**, and if you desaturate by 10%, it is **38.6095, 0.3568, 0.3318**.

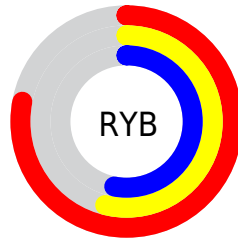
Distribution



Red (78%)

Green (54%)

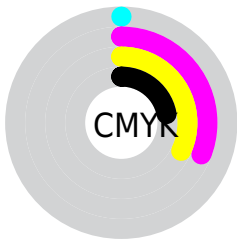
Blue (53%)



Red (78%)

Yellow (54%)

Blue (53%)

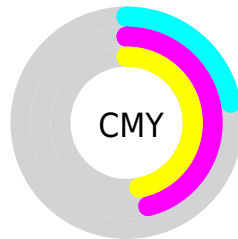


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (22%)



Cyan (22%)


Magenta (46%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0683, 0.3846, 0.3332 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 32.0683, 0.3846, 0.3332 by changing the saturation by 10% instead.


 32.0683, 0.3846,
0.3332


 32.0683, 0.3846,
0.3332


311.4303, 0.3461,
0.3319


 21.4137, 0.3951,
0.3332


 62.9181, 0.3699,
0.3329

 13.4267, 0.4092,
0.3330


 83.8822, 0.3646,
0.3328

 7.7230, 0.4289,
0.3322


 109.0514, 0.3602,
0.3326

 3.9182, 0.4584,
0.3300

138.8103, 0.3565,
0.3324

 1.6279, 0.5072,
0.3242

173.5433, 0.3533,
0.3323

 0.3763, 0.7094,
0.2906

213.6346, 0.3506,

 0.0000, 0.0000,

0.3321

0.0000

259.4688, 0.3482,
0.3320

■ 32.0683, 0.3846,
0.3332

■ 32.0683, 0.3846,
0.3332

■ 26.5853, 0.4185,
0.3345

■ 38.6095, 0.3568,
0.3318

■ 22.1005, 0.4586,
0.3357

■ 46.2553, 0.3343,
0.3305

■ 18.5552, 0.5036,
0.3363

■ 55.0554, 0.3161,
0.3293


■ 15.8826, 0.5502,
0.3363


■ 65.0546, 0.3015,
0.3281

■ 14.0072, 0.5922,
0.3353

■ 76.2957, 0.2897,
0.3271

 12.8406, 0.6227,
0.3335

 88.8192, 0.2800,
0.3262

 12.3453, 0.6370,
0.3324

 90.8825, 0.2800,
0.3289

Harmonies

Analogous

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



32.0683, 0.3554, 0.3019



32.0683, 0.3846, 0.3332



32.0683, 0.3929, 0.3655

Triad

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



32.0683, 0.3846, 0.3332



32.0683, 0.3062, 0.3895



32.0683, 0.2495, 0.2669

Complementary

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



32.0683, 0.3846, 0.3332



48.7534, 0.2667, 0.3247

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.



32.0683, 0.2385, 0.2852



32.0683, 0.3846, 0.3332



32.0683, 0.2697, 0.3574

Square

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



32.0683, 0.3846, 0.3332



32.0683, 0.3460, 0.4015



32.0683, 0.2455, 0.3180



32.0683, 0.2767, 0.2648

Rectangle

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



32.0683, 0.3846, 0.3332



32.0683, 0.3854, 0.3839



32.0683, 0.2455, 0.3180



32.0683, 0.2438, 0.2712

Sweetspot

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



32.0698, 0.3846, 0.3332



83.9276, 0.3303, 0.3302



33.4954, 0.3185, 0.2523



17.5169, 0.3331, 0.3304



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.



32.0698, 0.3846, 0.3332



48.8627, 0.4091, 0.3342



42.3177, 0.3718, 0.3734



10.7154, 0.3288, 0.3301



7.9740, 0.6361, 0.3331



0.4061, 0.6226, 0.3438

Inverse Universe

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



48.7534, 0.2667, 0.3247



82.8203, 0.2578, 0.3236



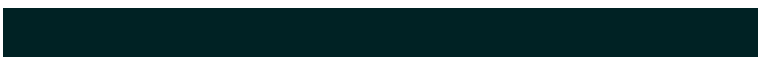
36.1370, 0.2613, 0.2799



11.9789, 0.2984, 0.3279



26.2738, 0.2207, 0.3144



1.2710, 0.2216, 0.3176

Previews

White Background



This preview shows how the Yxy color 32.0683, 0.3846, 0.3332 looks on a white background.

Color Contrast Check

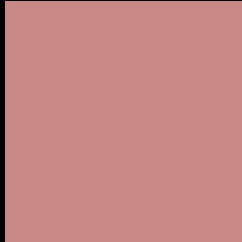
Large Text (above 18pt) WCAG AA × Fail

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 32.0683, 0.3846, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

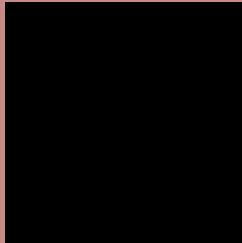
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0683, 0.3846, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 32.0683, 0.3846, 0.3332.



This preview shows how white text looks on a background with the Yxy color 32.0683, 0.3846, 0.3332.

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

32.0683, 0.3846, 0.3332

Protanopia

32.1366, 0.3283, 0.3442

Deuteranopia

32.1034, 0.3577, 0.3509



Tritanopia

31.9943, 0.3727, 0.3147

Trichromacy



Original Color

32.0683, 0.3846, 0.3332

Protanomaly

32.0719, 0.3483, 0.3407

Deuteranomaly

31.8581, 0.3668, 0.3433

Tritanomaly

32.1539, 0.3769, 0.3213

Monochromacy



Original Color

32.0683, 0.3846, 0.3332

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.4037, 0.3377, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0683, 0.3846, 0.3332 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, 138, 135)` looks like.

```
.text, #text, p{  
    color:rgb(199, 138, 135)  
}
```

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, 138, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 138, 135) }
```

Border

The CSS property to change the border of an element to Yxy 32.0683, 0.3846, 0.3332 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, 138, 135) }
```

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

```
.border{ border-color:rgb(199, 138, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 138, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 138, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 138, 135);  
box-shadow:4px 4px 4px 4px rgb(199, 138,  
135) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.0683, 0.3846, 0.3332$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 138, 135) }
```

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

```
.background{ background-color: rgb(199,  
138, 135) }
```

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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