

Converting Colors

$Y_{xy}(32.4140, 0.3782, 0.3334)$

Have a look what the booklet for
Yxy(32.4140, 0.3782, 0.3334)
contains.

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Color

Yxy(32.2981, 0.3782, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	C48C89
RGB	196, 140, 137
RGB Percent	77%, 55%, 54%
CMY	0.2314, 0.4510, 0.4627
CMYK	0.00, 0.29, 0.30, 0.23
HSL	3°, 33%, 65%
HSV	3°, 30%, 77%
XYZ	36.6601, 32.2981, 27.9749
YIQ	156.4020, 34.3390, 10.9390

Conversions

Conversions Part 2

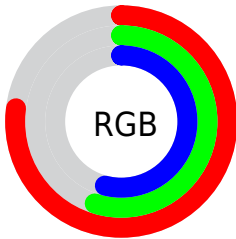
Format	Color
R _Y B	196, 140, 137
Decimal	12881033
CIE Lab	63.59, 20.91, 10.08
CIE LCh	64, 23.209, 25.732
Yxy	32.2981, 0.3782, 0.3332
Android (android.graphics.Color)	4291071113 (0xFFC48C89)
YUV	156.4020, -9.5652, 34.7274
Hunter-Lab	56.8314, 15.6895, 10.5969

Details

The Yxy color **32.2981, 0.3782, 0.3332** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.4541, 0.2693, 0.3248**, and the grayscale version is **33.4681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3721, 0.3653, 0.3333**, and **13.4956, 0.4015, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **26.8010, 0.4106, 0.3347**, and if you desaturate by 10%, it is **38.8201, 0.3516, 0.3317**.

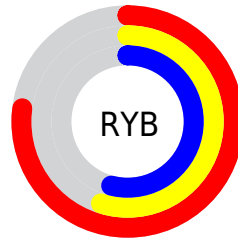
Distribution



Red (77%)

Green (55%)

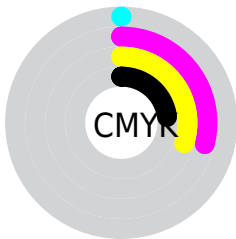
Blue (54%)



Red (77%)

Yellow (55%)

Blue (54%)

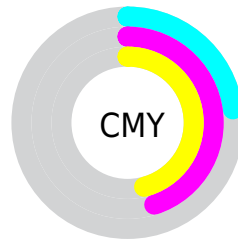


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (23%)



Cyan (23%)


Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2981, 0.3782, 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 32.2981, 0.3782, 0.3332 by changing the saturation by 10% instead.


 32.2981, 0.3782,
0.3332


 32.2981, 0.3782,
0.3332


312.4750, 0.3431,
0.3317


 21.5893, 0.3878,
0.3333


 63.2781, 0.3649,
0.3328

 13.5554, 0.4005,
0.3332


 84.3181, 0.3600,
0.3327

 7.8121, 0.4185,
0.3328


 109.5707, 0.3560,
0.3325

 3.9750, 0.4454,
0.3313

139.4201, 0.3527,
0.3323

 1.6596, 0.4896,
0.3267

174.2509, 0.3498,
0.3321

 0.3973, 0.6911,
0.3089


214.4473, 0.3473,


 0.0000, 0.0000,


0.3320


0.0000


260.3939, 0.3451,
0.3319


 32.2981, 0.3782,
0.3332


 32.2981, 0.3782,
0.3332


 26.8010, 0.4106,
0.3347


 38.8201, 0.3516,
0.3317


 22.2724, 0.4493,
0.3359


 46.4104, 0.3302,
0.3303


 18.6574, 0.4934,
0.3368


 55.1157, 0.3129,
0.3290


 15.8941, 0.5399,
0.3369


 64.9785, 0.2989,
0.3278

 13.9126, 0.5834,
0.3361

 76.0389, 0.2875,
0.3267

 12.6320, 0.6169,
0.3343

 88.3353, 0.2783,
0.3258

 11.9516, 0.6367,
0.3327

 90.4763, 0.2784,
0.3289

Harmonies

Analogous

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



32.2981, 0.3518, 0.3043



32.2981, 0.3782, 0.3332



32.2981, 0.3858, 0.3628

Triad

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



32.2981, 0.3782, 0.3332



32.2981, 0.3069, 0.3837



32.2981, 0.2548, 0.2722

Complementary

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



32.2981, 0.3782, 0.3332



47.4541, 0.2693, 0.3248

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.



32.2981, 0.2446, 0.2892



32.2981, 0.3782, 0.3332



32.2981, 0.2734, 0.3547

Square

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



32.2981, 0.3782, 0.3332



32.2981, 0.3432, 0.3949



32.2981, 0.2512, 0.3191



32.2981, 0.2800, 0.2701

Rectangle

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



32.2981, 0.3782, 0.3332



32.2981, 0.3790, 0.3795



32.2981, 0.2512, 0.3191



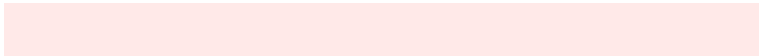
32.2981, 0.2496, 0.2762

Sweetspot

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



32.2996, 0.3782, 0.3332



85.4865, 0.3284, 0.3302



33.4852, 0.3190, 0.2584



17.8298, 0.3312, 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.



32.2996, 0.3782, 0.3332



51.8596, 0.3985, 0.3342



42.0903, 0.3669, 0.3716



10.1578, 0.3288, 0.3302



7.7172, 0.6358, 0.3334



0.3622, 0.6204, 0.3456

Inverse Universe

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



47.4541, 0.2693, 0.3248



83.6197, 0.2613, 0.3237



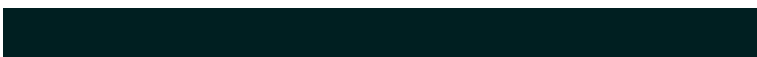
35.6997, 0.2646, 0.2821



11.3383, 0.2984, 0.3278



25.1869, 0.2204, 0.3133



1.1155, 0.2214, 0.3170

Previews

White Background



This preview shows how the Yxy color 32.2981, 0.3782, 0.3332 looks on a white background.

Color Contrast Check

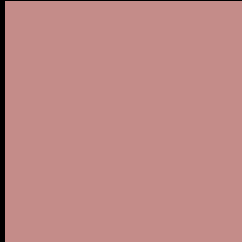
Large Text (above 18pt) WCAG AA × Fail

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 32.2981, 0.3782, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

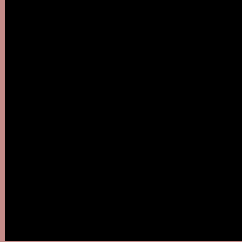
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2981, 0.3782, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 32.2981, 0.3782, 0.3332.



This preview shows how white text looks on a background with the Yxy color 32.2981, 0.3782, 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

32.2981, 0.3782, 0.3332

Protanopia

32.4957, 0.3272, 0.3442

Deuteranopia

32.4743, 0.3553, 0.3494



Tritanopia

32.2172, 0.3665, 0.3145

Trichromacy



Original Color

32.2981, 0.3782, 0.3332

Protanomaly

32.1886, 0.3448, 0.3408

Deuteranomaly

32.4026, 0.3628, 0.3433

Tritanomaly

32.3799, 0.3707, 0.3212

Monochromacy



Original Color

32.2981, 0.3782, 0.3332

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.6405, 0.3354, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2981, 0.3782, 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(196, 140, 137)` looks like.

```
.text, #text, p{  
    color:rgb(196, 140, 137)  
}
```

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(196, 140, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 140, 137) }
```

Border

The CSS property to change the border of an element to Yxy 32.2981, 0.3782, 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(196, 140, 137) }
```

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

```
.border{ border-color:rgb(196, 140, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 140, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 140, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 140, 137);  
box-shadow:4px 4px 4px 4px rgb(196, 140,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2981, 0.3782, 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(196, 140, 137) }
```

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

```
.background{ background-color: rgb(196,  
140, 137) }
```

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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