

Converting Colors

$Y_{xy}(31.8650, 0.3738, 0.3290)$

Have a look what the booklet for
Yxy(31.8650, 0.3738, 0.3290)
contains.

Yxy(31.7987, 0.3741, 0.3292)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.7987, 0.3741, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	C28B8B
RGB	194, 139, 139
RGB Percent	76%, 55%, 55%
CMY	0.2393, 0.4548, 0.4549
CMYK	0.00, 0.28, 0.28, 0.24
HSL	0°, 31%, 65%
HSV	0°, 28%, 76%
XYZ	36.1358, 31.7987, 28.6594
YIQ	155.4450, 32.7800, 11.6600

Conversions

Conversions Part 2

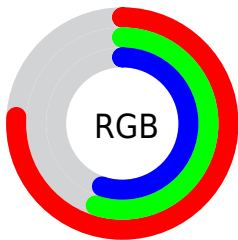
Format	Color
RYB	194, 139, 139
Decimal	12749707
CIELab	63.18, 20.94, 8.34
CIElCh	63, 22.540, 21.708
Yxy	31.7987, 0.3741, 0.3292
Android (android.graphics.Color)	4290939787 (0xFFC28B8B)
YUV	155.4450, -8.1074, 33.8127
Hunter-Lab	56.3903, 15.7024, 9.3401

Details

The Yxy color **31.7987, 0.3741, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.9471, 0.2720, 0.3289**, and the grayscale version is **33.0121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6411, 0.3623, 0.3302**, and **13.1897, 0.3957, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **26.1554, 0.4064, 0.3293**, and if you desaturate by 10%, it is **38.5416, 0.3479, 0.3291**.

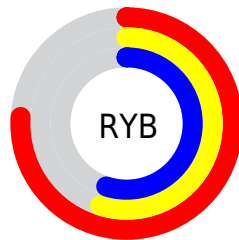
Distribution



Red (76%)

Green (55%)

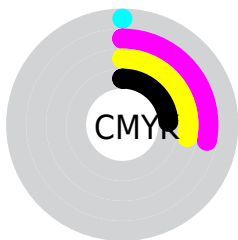
Blue (55%)



Red (76%)

Yellow (55%)

Blue (55%)

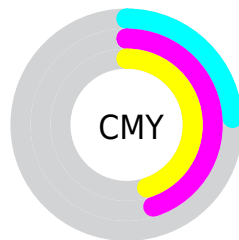


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (24%)



Cyan (24%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.7987, 0.3741, 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 31.7987, 0.3741, 0.3292 by changing the saturation by 10% instead.

 31.7987, 0.3741,
0.3292


 31.7987, 0.3741,
0.3292


310.2012, 0.3412,
0.3297

 21.2078, 0.3831,
0.3288


 62.4954, 0.3616,
0.3296

 13.2760, 0.3952,
0.3281


 83.3699, 0.3570,
0.3296

 7.6189, 0.4122,
0.3269


 108.4412, 0.3533,
0.3297

 3.8520, 0.4378,
0.3243

138.0935, 0.3501,
0.3297

 1.5911, 0.4803,
0.3184

172.7112, 0.3474,
0.3297

 0.3516, 0.7063,
0.2937

212.6789, 0.3450,

 0.0000, 0.0000,

0.3297


0.0000

258.3807, 0.3430,
0.3297


 31.7987, 0.3741,
0.3292


 31.7987, 0.3741,
0.3292

 26.1554, 0.4064,
0.3293


 38.5416, 0.3479,
0.3291

 21.5493, 0.4453,
0.3294


 46.4334, 0.3270,
0.3290


 17.9185, 0.4902,
0.3296

 55.5257, 0.3102,
0.3290

 15.1930, 0.5379,
0.3297

 65.8656, 0.2967,
0.3289

 13.2932, 0.5828,
0.3298

 77.4978, 0.2859,
0.3289

■ 12.1258, 0.6174,
0.3299

■ 90.2057, 0.2773,
0.3289

■ 11.5439, 0.6373,
0.3300

■ 11.4670, 0.6401,
0.3300

Harmonies

Analogous

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



31.7987, 0.3464, 0.3014



31.7987, 0.3741, 0.3292



31.7987, 0.3842, 0.3584

Triad

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



31.7987, 0.3741, 0.3292



31.7987, 0.3119, 0.3849



31.7987, 0.2539, 0.2749

Complementary

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



31.7987, 0.3741, 0.3292



47.9471, 0.2720, 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.



31.7987, 0.2460, 0.2934



31.7987, 0.3741, 0.3292



31.7987, 0.2783, 0.3586

Square

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



31.7987, 0.3741, 0.3292



31.7987, 0.3470, 0.3932



31.7987, 0.2546, 0.3240



31.7987, 0.2767, 0.2708

Rectangle

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



31.7987, 0.3741, 0.3292



31.7987, 0.3795, 0.3754



31.7987, 0.2546, 0.3240



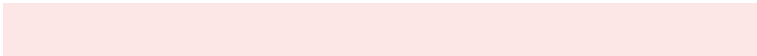
31.7987, 0.2495, 0.2795

Sweetspot

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



31.8002, 0.3741, 0.3292



82.9245, 0.3285, 0.3291



33.8252, 0.3160, 0.2594



17.6710, 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.



31.8002, 0.3741, 0.3292



51.0621, 0.3934, 0.3293



40.7797, 0.3642, 0.3655



10.0784, 0.3289, 0.3291



7.5418, 0.6400, 0.3300



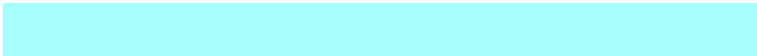
0.3260, 0.6400, 0.3301

Inverse Universe

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



47.9471, 0.2720, 0.3289



85.1184, 0.2644, 0.3288



36.8328, 0.2680, 0.2894



11.4280, 0.2985, 0.3290



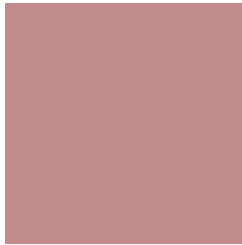
27.9118, 0.2246, 0.3287



1.2062, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 31.7987, 0.3741, 0.3292 looks on a white background.

Color Contrast Check

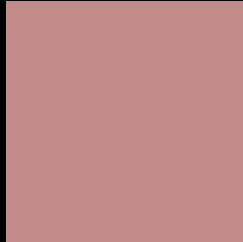
Large Text (above 18pt) WCAG AA × Fail

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 31.7987, 0.3741, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

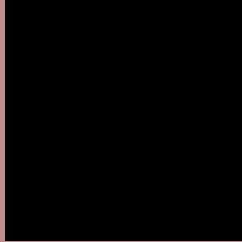
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.7987, 0.3741, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 31.7987, 0.3741, 0.3292.



This preview shows how white text looks on a background with the Yxy color 31.7987, 0.3741, 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

31.7987, 0.3741, 0.3292

Protanopia

32.1269, 0.3244, 0.3397

Deuteranopia

31.9846, 0.3514, 0.3451



Tritanopia

31.9172, 0.3654, 0.3157

Trichromacy



Original Color

31.7987, 0.3741, 0.3292

Protanomaly

31.8209, 0.3419, 0.3364

Deuteranomaly

31.9095, 0.3589, 0.3391

Tritanomaly

31.8234, 0.3688, 0.3198

Monochromacy



Original Color

31.7987, 0.3741, 0.3292

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.0998, 0.3335, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.7987, 0.3741, 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(194, 139, 139)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 139, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 139, 139) }
```

Border

The CSS property to change the border of an element to Yxy 31.7987, 0.3741, 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(194, 139, 139) }
```

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

```
.border{ border-color:rgb(194, 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(194, 139, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 139, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 139, 139);  
box-shadow:4px 4px 4px 4px rgb(194, 139,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 31.7987, 0.3741, 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(194, 139, 139) }
```

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

```
.background{ background-color: rgb(194,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor