

Converting Colors

$Yxy(31.1898, 0.3932, 0.3286)$

Have a look what the booklet for
Yxy(31.1898, 0.3932, 0.3286)
contains.

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Color

Yxy(31.1650, 0.3935, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	CB8585
RGB	203, 133, 133
RGB Percent	80%, 52%, 52%
CMY	0.2039, 0.4784, 0.4783
CMYK	0.00, 0.34, 0.34, 0.20
HSL	360°, 40%, 66%
HSV	360°, 34%, 80%
XYZ	37.2522, 31.1650, 26.2517
YIQ	153.9300, 41.7200, 14.8400

Conversions

Conversions Part 2

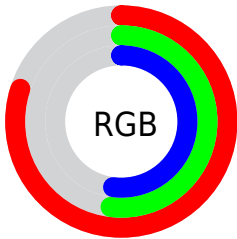
Format	Color
R _Y B	203, 133, 133
Decimal	13337989
CIE Lab	62.65, 26.92, 11.12
CIE LCh	63, 29.122, 22.445
Yxy	31.1650, 0.3935, 0.3292
Android (android.graphics.Color)	4291528069 (0xFFCB8585)
YUV	153.9300, -10.3185, 43.0344
Hunter-Lab	55.8256, 21.4175, 11.1971

Details

The Yxy color **31.1650, 0.3935, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.0116, 0.2644, 0.3289**, and the grayscale version is **32.3164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3458, 0.3714, 0.3302**, and **12.8777, 0.4213, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **25.6268, 0.4301, 0.3293**, and if you desaturate by 10%, it is **37.8887, 0.3635, 0.3291**.

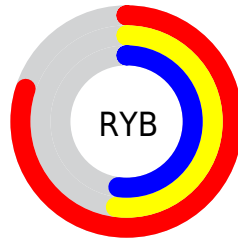
Distribution



Red (80%)

Green (52%)

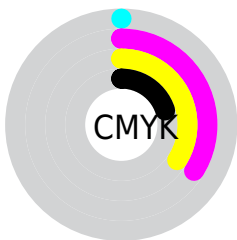
Blue (52%)



Red (80%)

Yellow (52%)

Blue (52%)

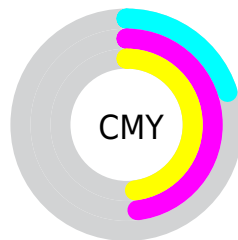


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (20%)



Cyan (20%)


Magenta (48%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.1650, 0.3935, 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 31.1650, 0.3935, 0.3292 by changing the saturation by 10% instead.


 31.1650, 0.3935,
0.3292


 31.1650, 0.3935,
0.3292


307.2978, 0.3500,
0.3302

 20.7245, 0.4054,
0.3285


 61.4998, 0.3769,
0.3299

 12.9228, 0.4214,
0.3273


 82.1628, 0.3709,
0.3300

 7.3754, 0.4439,
0.3251


 107.0022, 0.3659,
0.3301

 3.6980, 0.4776,
0.3206

136.4023, 0.3618,
0.3302

 1.5061, 0.5344,
0.3112

170.7475, 0.3582,
0.3302

 0.2930, 0.7622,
0.2378


210.4222, 0.3551,


 0.0000, 0.0000,


0.3302

0.0000


255.8108, 0.3524,
0.3302

 31.1650, 0.3935,
0.3292


 31.1650, 0.3935,
0.3292

 25.6268, 0.4301,
0.3293


 37.8887, 0.3635,
0.3291

 21.2013, 0.4730,
0.3294


 45.8563, 0.3394,
0.3291


 17.8145, 0.5204,
0.3296


 55.1278, 0.3201,
0.3290

 15.3819, 0.5673,
0.3297

 65.7579, 0.3046,
0.3290

 13.8053, 0.6066,
0.3298

 77.7982, 0.2923,
0.3290

 12.9659, 0.6314,
0.3299

 91.2978, 0.2823,
0.3289

 12.6974, 0.6400,
0.3300

 91.4372, 0.2822,
0.3289

Harmonies

Analogous

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



31.1650, 0.3574, 0.2943



31.1650, 0.3935, 0.3292



31.1650, 0.4058, 0.3663

Triad

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



31.1650, 0.3935, 0.3292



31.1650, 0.3097, 0.4026



31.1650, 0.2379, 0.2590

Complementary

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



31.1650, 0.3935, 0.3292



52.0116, 0.2644, 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.



31.1650, 0.2276, 0.2814



31.1650, 0.3935, 0.3292



31.1650, 0.2669, 0.3667

Square

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



31.1650, 0.3935, 0.3292



31.1650, 0.3553, 0.4131



31.1650, 0.2376, 0.3204



31.1650, 0.2670, 0.2550

Rectangle

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



31.1650, 0.3935, 0.3292



31.1650, 0.3987, 0.3885



31.1650, 0.2376, 0.3204



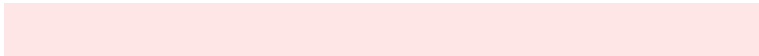
31.1650, 0.2323, 0.2644

Sweetspot

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



31.1665, 0.3935, 0.3292



83.2614, 0.3304, 0.3290



33.6211, 0.3155, 0.2440



17.3575, 0.3333, 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.



31.1665, 0.3935, 0.3292



45.4344, 0.4186, 0.3293



41.9680, 0.3786, 0.3725



11.2137, 0.3290, 0.3290



8.0801, 0.6400, 0.3299



0.4169, 0.6399, 0.3299

Inverse Universe

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



31.1665, 0.3935, 0.3292



45.4344, 0.4186, 0.3293



37.7376, 0.2580, 0.2808



11.2137, 0.3290, 0.3290



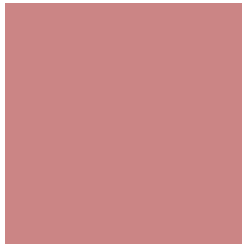
8.0801, 0.6400, 0.3299



0.4169, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 31.1650, 0.3935, 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 31.1650, 0.3935, 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 31.1650, 0.3935, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 31.1650, 0.3935, 0.3292.



This preview shows how white text looks on a background with the Yxy color 31.1650, 0.3935, 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

31.1650, 0.3935, 0.3292

Protanopia

31.2845, 0.3265, 0.3413

Deuteranopia

31.1951, 0.3583, 0.3511



Tritanopia

31.2929, 0.3844, 0.3162

Trichromacy



Original Color

31.1650, 0.3935, 0.3292

Protanomaly

30.8093, 0.3504, 0.3364

Deuteranomaly

31.0300, 0.3712, 0.3419

Tritanomaly

31.2040, 0.3879, 0.3201

Monochromacy



Original Color

31.1650, 0.3935, 0.3292

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.4037, 0.3404, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1650, 0.3935, 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(203, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(203, 133, 133)  
}
```

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(203, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 133, 133) }
```

Border

The CSS property to change the border of an element to Yxy 31.1650, 0.3935, 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(203, 133, 133) }
```

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

```
.border{ border-color:rgb(203, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(203, 133,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1650, 0.3935, 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(203, 133, 133) }
```

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

```
.background{ background-color: rgb(203,  
133, 133) }
```

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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