

Converting Colors

$Y_{xy}(31.6776, 0.3774, 0.3258)$

Have a look what the booklet for
Yxy(31.6776, 0.3774, 0.3258)
contains.

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Color

Yxy(31.6551, 0.3771, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	C5898C
RGB	197, 137, 140
RGB Percent	77%, 54%, 55%
CMY	0.2274, 0.4627, 0.4511
CMYK	0.00, 0.30, 0.29, 0.23
HSL	357°, 34%, 65%
HSV	357°, 30%, 77%
XYZ	36.7071, 31.6551, 28.9782
YIQ	155.2820, 34.7970, 13.6530

Conversions

Conversions Part 2

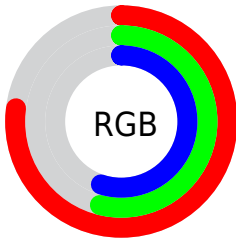
Format	Color
R _Y B	197, 137, 140
Decimal	12945804
CIE Lab	63.06, 23.35, 7.66
CIE LCh	63, 24.578, 18.153
Yxy	31.6551, 0.3771, 0.3252
Android (android.graphics.Color)	4291135884 (0xFFC5898C)
YUV	155.2820, -7.5340, 36.5867
Hunter-Lab	56.2629, 17.9971, 8.8466

Details

The Yxy color **31.6551, 0.3771, 0.3252** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1547, 0.2712, 0.3330**, and the grayscale version is **32.9328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3719, 0.3644, 0.3271**, and **13.1445, 0.4000, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **26.0514, 0.4091, 0.3240**, and if you desaturate by 10%, it is **38.3784, 0.3511, 0.3265**.

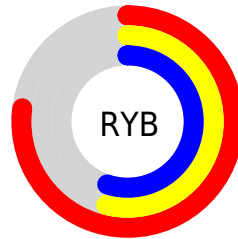
Distribution



Red (77%)

Green (54%)

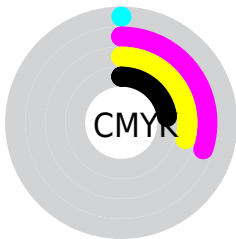
Blue (55%)



Red (77%)

Yellow (54%)

Blue (55%)

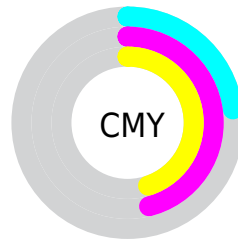


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (23%)



Cyan (23%)


Magenta (46%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6551, 0.3771, 0.3252 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 31.6551, 0.3771, 0.3252 by changing the saturation by 10% instead.


 31.6551, 0.3771,
0.3252


 31.6551, 0.3771,
0.3252

309.5451, 0.3426,
0.3279


 21.0982, 0.3866,
0.3242


 62.2700, 0.3639,
0.3264

 13.1958, 0.3992,
0.3228


 83.0968, 0.3592,
0.3268

 7.5635, 0.4171,
0.3205


 108.1157, 0.3552,
0.3270

 3.8169, 0.4439,
0.3163

137.7110, 0.3519,
0.3273

 1.5717, 0.4885,
0.3077

172.2672, 0.3491,
0.3275

 0.3384, 0.7251,
0.2749


212.1687, 0.3466,


 0.0000, 0.0000,


0.3276

0.0000


257.7999, 0.3445,
0.3278

 31.6551, 0.3771,
0.3252


 31.6551, 0.3771,
0.3252


 26.0514, 0.4091,
0.3240


 38.3784, 0.3511,
0.3265

 21.5025, 0.4474,
0.3230


 46.2728, 0.3302,
0.3278

 17.9435, 0.4912,
0.3224


 55.3919, 0.3134,
0.3289

 15.3008, 0.5378,
0.3226

 65.7847, 0.2999,
0.3300

 13.4905, 0.5816,
0.3237

 77.4977, 0.2891,
0.3310

 12.4133, 0.6157,
0.3257

 90.4410, 0.2803,
0.3317

 11.8939, 0.6353,
0.3273

 90.6125, 0.2789,
0.3289

Harmonies

Analogous

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



31.6551, 0.3450, 0.2958



31.6551, 0.3771, 0.3252



31.6551, 0.3907, 0.3570

Triad

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



31.6551, 0.3771, 0.3252



31.6551, 0.3162, 0.3927



31.6551, 0.2469, 0.2716

Complementary

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



31.6551, 0.3771, 0.3252



49.1547, 0.2712, 0.3330

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.



31.6551, 0.2405, 0.2933



31.6551, 0.3771, 0.3252



31.6551, 0.2790, 0.3656

Square

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



31.6551, 0.3771, 0.3252



31.6551, 0.3541, 0.3988



31.6551, 0.2518, 0.3278



31.6551, 0.2698, 0.2655

Rectangle

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



31.6551, 0.3771, 0.3252



31.6551, 0.3872, 0.3763



31.6551, 0.2518, 0.3278



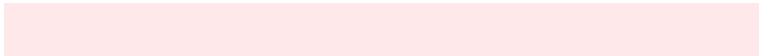
31.6551, 0.2428, 0.2772

Sweetspot

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



31.6566, 0.3771, 0.3252



84.8954, 0.3277, 0.3279



33.3946, 0.3132, 0.2534



17.6859, 0.3305, 0.3277



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.



31.6566, 0.3771, 0.3252



49.3564, 0.3992, 0.3243



40.2321, 0.3700, 0.3646



10.6453, 0.3282, 0.3279



7.8254, 0.6340, 0.3266



0.3736, 0.6133, 0.3152

Inverse Universe

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



31.6566, 0.3771, 0.3252



49.3564, 0.3992, 0.3243



38.1030, 0.2650, 0.2904



10.6453, 0.3282, 0.3279



7.8254, 0.6340, 0.3266



0.3736, 0.6133, 0.3152

Previews

White Background



This preview shows how the Yxy color 31.6551, 0.3771, 0.3252 looks on a white background.

Color Contrast Check

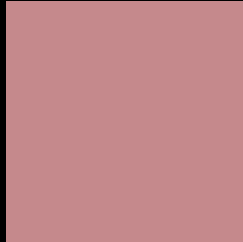
Large Text (above 18pt) WCAG AA × Fail

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 31.6551, 0.3771, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

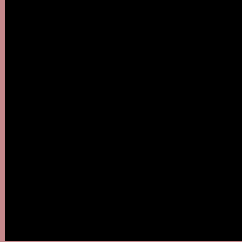
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6551, 0.3771, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 31.6551, 0.3771, 0.3252.



This preview shows how white text looks on a background with the Yxy color 31.6551, 0.3771, 0.3252.

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

31.6551, 0.3771, 0.3252

Protanopia

31.7627, 0.3216, 0.3351

Deuteranopia

31.5867, 0.3495, 0.3423



Tritanopia

31.6894, 0.3716, 0.3159

Trichromacy



Original Color

31.6551, 0.3771, 0.3252

Protanomaly

31.6824, 0.3412, 0.3320

Deuteranomaly

31.4541, 0.3595, 0.3348

Tritanomaly

31.6277, 0.3739, 0.3185

Monochromacy



Original Color

31.6551, 0.3771, 0.3252

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.9279, 0.3337, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6551, 0.3771, 0.3252 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(197, 137, 140)` looks like.

```
.text, #text, p{  
    color:rgb(197, 137, 140)  
}
```

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(197, 137, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 137, 140) }
```

Border

The CSS property to change the border of an element to Yxy 31.6551, 0.3771, 0.3252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

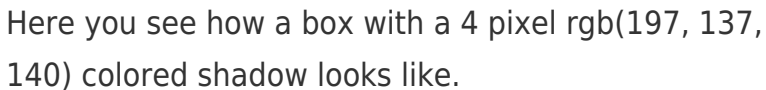
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 137, 140) }
```

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

```
.border{ border-color:rgb(197, 137, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 137, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 137, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 137, 140); box-shadow:4px 4px 4px 4px rgb(197, 137, 140) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6551, 0.3771, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 137, 140) }
```

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

```
.background{ background-color: rgb(197,  
137, 140) }
```

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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