

Converting Colors

$Y_{xy}(31.5172, 0.3703, 0.3148)$

Have a look what the booklet for
Yxy(31.5172, 0.3703, 0.3148)
contains.

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Color

Yxy(31.5540, 0.3705, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	C58892
RGB	197, 136, 146
RGB Percent	77%, 53%, 57%
CMY	0.2275, 0.4667, 0.4273
CMYK	0.00, 0.31, 0.26, 0.23
HSL	350°, 34%, 65%
HSV	350°, 31%, 77%
XYZ	37.0195, 31.5540, 31.3442
YIQ	155.3790, 33.1460, 16.0420

Conversions

Conversions Part 2

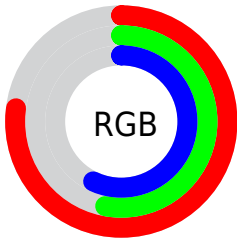
Format	Color
RYB	197, 136, 146
Decimal	12945554
CIELab	62.97, 24.75, 4.10
CIElCh	63, 25.085, 9.412
Yxy	31.5540, 0.3705, 0.3158
Android (android.graphics.Color)	4291135634 (0xFFC58892)
YUV	155.3790, -4.6238, 36.5016
Hunter-Lab	56.1729, 19.3337, 6.2376

Details

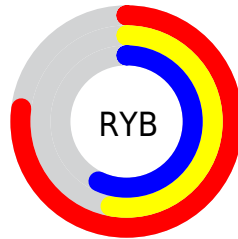
The Yxy color **31.5540, 0.3705, 0.3158** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7526, 0.2749, 0.3429**, and the grayscale version is **32.9663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2570, 0.3588, 0.3188**, and **13.0923, 0.3901, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **26.0310, 0.3985, 0.3115**, and if you desaturate by 10%, it is **38.1736, 0.3476, 0.3203**.

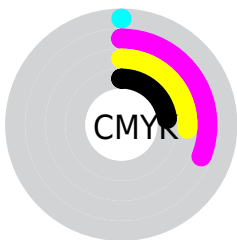
Distribution



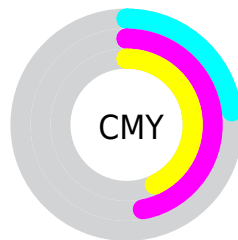
- Red (77%)
- Green (53%)
- Blue (57%)



- Red (77%)
- Yellow (53%)
- Blue (57%)



- Cyan (0%)
- Magenta (31%)
- Yellow (26%)
- Black (23%)





- Cyan (23%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5540, 0.3705, 0.3158 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 31.5540, 0.3705, 0.3158 by changing the saturation by 10% instead.

 31.5540, 0.3705,
0.3158


 31.5540, 0.3705,
0.3158


309.0825, 0.3396,
0.3232


 21.0211, 0.3789,
0.3137


 62.1112, 0.3587,
0.3187

 13.1394, 0.3903,
0.3107


 82.9043, 0.3545,
0.3197

 7.5246, 0.4062,
0.3064


 107.8863, 0.3509,
0.3206

 3.7923, 0.4302,
0.2997

137.4415, 0.3480,
0.3213

 1.5581, 0.4702,
0.2876

171.9543, 0.3454,
0.3218

 0.3291, 0.6965,
0.2493

211.8092, 0.3432,

 0.0000, 0.0000,

0.3224

0.0000

257.3904, 0.3413,
0.3228

■ 31.5540, 0.3705,
0.3158

■ 31.5540, 0.3705,
0.3158

■ 26.0310, 0.3985,
0.3115

■ 38.1736, 0.3476,
0.3203

■ 21.5409, 0.4321,
0.3077

■ 45.9398, 0.3290,
0.3246

■ 18.0207, 0.4709,
0.3051


■ 54.9052, 0.3140,
0.3286


■ 15.3983, 0.5131,
0.3044


■ 65.1176, 0.3019,
0.3324


■ 13.5917, 0.5552,
0.3065

■ 76.6223, 0.2920,
0.3358

 12.5036, 0.5919,
0.3115

 89.4624, 0.2840,
0.3389

 11.9763, 0.6171,
0.3173

 90.6100, 0.2789,
0.3289

Harmonies

Analogous

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



31.5540, 0.3341, 0.2877



31.5540, 0.3705, 0.3158



31.5540, 0.3908, 0.3482

Triad

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



31.5540, 0.3705, 0.3158



31.5540, 0.3280, 0.3984



31.5540, 0.2418, 0.2752

Complementary

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



31.5540, 0.3705, 0.3158



48.7526, 0.2749, 0.3429

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.



31.5540, 0.2405, 0.3017



31.5540, 0.3705, 0.3158



31.5540, 0.2886, 0.3763

Square

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



31.5540, 0.3705, 0.3158



31.5540, 0.3647, 0.3979



31.5540, 0.2571, 0.3392



31.5540, 0.2605, 0.2644

Rectangle

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



31.5540, 0.3705, 0.3158



31.5540, 0.3917, 0.3690



31.5540, 0.2571, 0.3392



31.5540, 0.2393, 0.2824

Sweetspot

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



31.5555, 0.3705, 0.3158



85.0471, 0.3260, 0.3253



32.1840, 0.3062, 0.2505



17.7229, 0.3284, 0.3247



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.



31.5555, 0.3705, 0.3158



49.7683, 0.3884, 0.3129



37.5371, 0.3739, 0.3561



10.6649, 0.3264, 0.3252



7.8860, 0.6145, 0.3159



0.3825, 0.5614, 0.2866

Inverse Universe

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



31.5555, 0.3705, 0.3158



49.7683, 0.3884, 0.3129



40.5782, 0.2654, 0.3001



10.6649, 0.3264, 0.3252



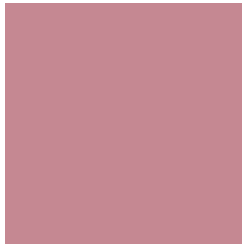
7.8860, 0.6145, 0.3159



0.3825, 0.5614, 0.2866

Previews

White Background



This preview shows how the Yxy color 31.5540, 0.3705, 0.3158 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 31.5540, 0.3705, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

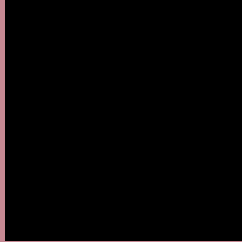
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5540, 0.3705, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 31.5540, 0.3705, 0.3158.



This preview shows how white text looks on a background with the Yxy color 31.5540, 0.3705, 0.3158.

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

31.5540, 0.3705, 0.3158

Protanopia

31.7916, 0.3129, 0.3245

Deuteranopia

31.5390, 0.3411, 0.3335



Tritanopia

31.5540, 0.3705, 0.3158

Trichromacy



Original Color

31.5540, 0.3705, 0.3158

Protanomaly

31.3708, 0.3321, 0.3203

Deuteranomaly

31.3926, 0.3508, 0.3263

Tritanomaly

31.5540, 0.3705, 0.3158

Monochromacy



Original Color

31.5540, 0.3705, 0.3158

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.9929, 0.3317, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5540, 0.3705, 0.3158 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, 136, 146)` looks like.

```
.text, #text, p{  
    color:rgb(197, 136, 146)  
}
```

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, 136, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 136, 146) }
```

Border

The CSS property to change the border of an element to Yxy 31.5540, 0.3705, 0.3158 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, 136, 146) }
```

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

```
.border{ border-color:rgb(197, 136, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 136, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 136, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 136, 146);  
box-shadow:4px 4px 4px 4px rgb(197, 136,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5540, 0.3705, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 136, 146) }
```

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

```
.background{ background-color: rgb(197,  
136, 146) }
```

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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