

Converting Colors

$Y_{xy}(31.0983, 0.3714, 0.3089)$

Have a look what the booklet for
Yxy(31.0983, 0.3714, 0.3089)
contains.

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Color

Yxy(31.0553, 0.3714, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	C78594
RGB	199, 133, 148
RGB Percent	78%, 52%, 58%
CMY	0.2197, 0.4783, 0.4197
CMYK	0.00, 0.33, 0.26, 0.22
HSL	346°, 37%, 65%
HSV	346°, 33%, 78%
XYZ	37.2784, 31.0553, 32.0390
YIQ	154.4440, 34.5210, 18.6570

Conversions

Conversions Part 2

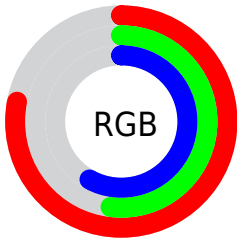
Format	Color
RYB	199, 133, 148
Decimal	13075860
CIELab	62.55, 27.40, 2.41
CIELCh	63, 27.506, 5.032
Yxy	31.0553, 0.3714, 0.3094
Android (android.graphics.Color)	4291265940 (0xFFC78594)
YUV	154.4440, -3.1769, 39.0756
Hunter-Lab	55.7273, 21.8837, 4.9219

Details

The Yxy color **31.0553, 0.3714, 0.3094** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.2814, 0.2751, 0.3499**, and the grayscale version is **32.5235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0649, 0.3578, 0.3136**, and **12.8269, 0.3932, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **25.6587, 0.3982, 0.3035**, and if you desaturate by 10%, it is **37.5516, 0.3493, 0.3156**.

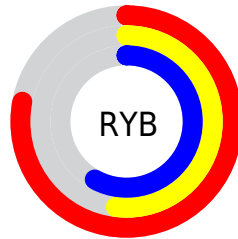
Distribution



Red (78%)

Green (52%)

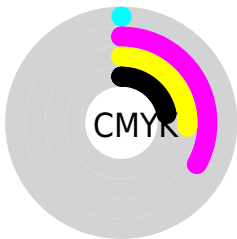
Blue (58%)



Red (78%)

Yellow (52%)

Blue (58%)

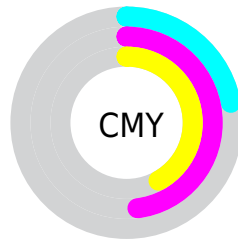


Cyan (0%)

Magenta (33%)

Yellow (26%)

Black (22%)



Cyan (22%)


Magenta (48%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0553, 0.3714, 0.3094 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 31.0553, 0.3714, 0.3094 by changing the saturation by 10% instead.


 31.0553, 0.3714,
0.3094


 31.0553, 0.3714,
0.3094


306.7930, 0.3400,
0.3201

 20.6410, 0.3800,
0.3064

 61.3271, 0.3594,
0.3135

 12.8618, 0.3915,
0.3023


 81.9534, 0.3551,
0.3150

 7.3335, 0.4077,
0.2965


 106.7524, 0.3515,
0.3162

 3.6715, 0.4321,
0.2876

136.1087, 0.3485,
0.3172

 1.4916, 0.4729,
0.2722

170.4064, 0.3459,
0.3181

 0.2828, 0.6905,
0.2074

210.0301, 0.3437,

 0.0000, 0.0000,

0.3189

0.0000

255.3642, 0.3417,
0.3195

■ 31.0553, 0.3714,
0.3094

■ 31.0553, 0.3714,
0.3094

■ 25.6587, 0.3982,
0.3035

■ 37.5516, 0.3493,
0.3156

■ 21.2963, 0.4301,
0.2983

■ 45.1993, 0.3313,
0.3216

■ 17.9027, 0.4666,
0.2948

■ 54.0522, 0.3167,
0.3273

■ 15.4030, 0.5063,
0.2939

■ 64.1595, 0.3049,
0.3326

■ 13.7114, 0.5459,
0.2965

■ 75.5677, 0.2952,
0.3374

■ 12.7247, 0.5810,
0.3030

■ 88.3206, 0.2874,
0.3418

■ 12.3282, 0.6011,
0.3085

■ 90.8777, 0.2800,
0.3289

Harmonies

Analogous

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



31.0553, 0.3295, 0.2801



31.0553, 0.3714, 0.3094



31.0553, 0.3971, 0.3444

Triad

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



31.0553, 0.3714, 0.3094



31.0553, 0.3355, 0.4074



31.0553, 0.2336, 0.2729

Complementary

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



31.0553, 0.3714, 0.3094



49.2814, 0.2751, 0.3499

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.



31.0553, 0.2351, 0.3041



31.0553, 0.3714, 0.3094



31.0553, 0.2920, 0.3864

Square

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



31.0553, 0.3714, 0.3094



31.0553, 0.3747, 0.4027



31.0553, 0.2557, 0.3465



31.0553, 0.2513, 0.2588

Rectangle

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



31.0553, 0.3714, 0.3094



31.0553, 0.4005, 0.3676



31.0553, 0.2557, 0.3465



31.0553, 0.2319, 0.2816

Sweetspot

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



31.0568, 0.3714, 0.3094



83.5904, 0.3266, 0.3233



31.0422, 0.3011, 0.2437



17.4363, 0.3288, 0.3225



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.



31.0568, 0.3714, 0.3094



47.1825, 0.3909, 0.3049



35.8392, 0.3814, 0.3524



10.6757, 0.3255, 0.3238



7.9414, 0.5979, 0.3067



0.3874, 0.5377, 0.2736

Inverse Universe

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



31.0568, 0.3714, 0.3094



47.1825, 0.3909, 0.3049



42.3140, 0.2629, 0.3041



10.6757, 0.3255, 0.3238



7.9414, 0.5979, 0.3067



0.3874, 0.5377, 0.2736

Previews

White Background



This preview shows how the Yxy color 31.0553, 0.3714, 0.3094 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 31.0553, 0.3714, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

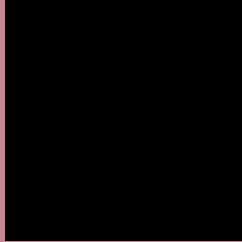
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0553, 0.3714, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 31.0553, 0.3714, 0.3094.



This preview shows how white text looks on a background with the Yxy color 31.0553, 0.3714, 0.3094.

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

31.0553, 0.3714, 0.3094

Protanopia

31.2772, 0.3072, 0.3183

Deuteranopia

31.3778, 0.3369, 0.3305



Tritanopia

31.2059, 0.3757, 0.3159

Trichromacy



Original Color

31.0553, 0.3714, 0.3094

Protanomaly

30.7146, 0.3293, 0.3144

Deuteranomaly

31.1559, 0.3489, 0.3220

Tritanomaly

31.2366, 0.3746, 0.3146

Monochromacy



Original Color

31.0553, 0.3714, 0.3094

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.3708, 0.3321, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0553, 0.3714, 0.3094 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(199, 133, 148)` looks like.

```
.text, #text, p{  
    color:rgb(199, 133, 148)  
}
```

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(199, 133, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 133, 148) }
```

Border

The CSS property to change the border of an element to Yxy 31.0553, 0.3714, 0.3094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

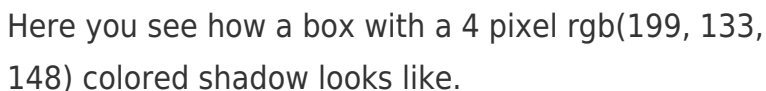
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 133, 148) }
```

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

```
.border{ border-color:rgb(199, 133, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 133, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 133, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 133, 148);  
box-shadow:4px 4px 4px 4px rgb(199, 133,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0553, 0.3714, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 133, 148) }
```

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

```
.background{ background-color: rgb(199,  
133, 148) }
```

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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