

Converting Colors

$Yxy(31.8913, 0.3599, 0.3354)$

Have a look what the booklet for
Yxy(31.8913, 0.3599, 0.3354)
contains.

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Color

Yxy(31.9072, 0.3592, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	B7908C
RGB	183, 144, 140
RGB Percent	72%, 56%, 55%
CMY	0.2824, 0.4353, 0.4510
CMYK	0.00, 0.21, 0.23, 0.28
HSL	6°, 23%, 63%
HSV	6°, 23%, 72%
XYZ	34.2326, 31.9072, 29.1625
YIQ	155.2050, 24.5280, 7.0240

Conversions

Conversions Part 2

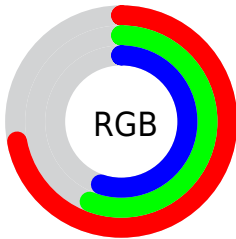
Format	Color
R_{YB}	183, 144, 140
Decimal	12030092
CIE _{Lab}	63.27, 14.08, 7.75
CIE _{LCh}	63, 16.070, 28.819
Yxy	31.9072, 0.3592, 0.3348
Android (android.graphics.Color)	4290220172 (0xFFB7908C)
YUV	155.2050, -7.4961, 24.3762
Hunter-Lab	56.4865, 9.3253, 8.9306

Details

The Yxy color **31.9072, 0.3592, 0.3348** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.2217, 0.2781, 0.3231**, and the grayscale version is **32.8997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8085, 0.3497, 0.3334**, and **13.2340, 0.3751, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **26.7511, 0.3868, 0.3374**, and if you desaturate by 10%, it is **37.8944, 0.3366, 0.3322**.

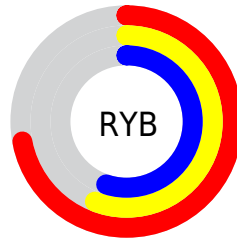
Distribution



Red (72%)

Green (56%)

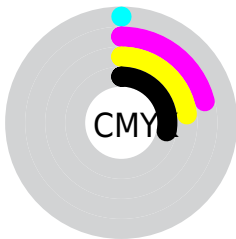
Blue (55%)



Red (72%)

Yellow (56%)

Blue (55%)

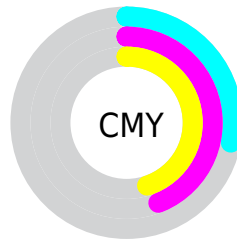


Cyan (0%)

Magenta (21%)

Yellow (23%)

Black (28%)



Cyan (28%)


Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9072, 0.3592, 0.3348 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 31.9072, 0.3592, 0.3348 by changing the saturation by 10% instead.

 31.9072, 0.3592,
0.3348

 31.9072, 0.3592,
0.3348


310.6963, 0.3343,
0.3321


 21.2906, 0.3660,
0.3354


 62.6656, 0.3497,
0.3339

 13.3366, 0.3752,
0.3360


 83.5762, 0.3463,
0.3335

 7.6607, 0.3880,
0.3367


 108.6869, 0.3435,
0.3332

 3.8786, 0.4075,
0.3374

138.3822, 0.3410,
0.3329

 1.6059, 0.4402,
0.3372

173.0463, 0.3390,
0.3327

 0.3616, 0.6553,
0.3447


213.0638, 0.3372,

 0.0000, 0.0000,


0.3325


0.0000


258.8190, 0.3357,
0.3323

 31.9072, 0.3592,
0.3348


 31.9072, 0.3592,
0.3348


 26.7511, 0.3868,
0.3374


 37.8944, 0.3366,
0.3322


 22.3853, 0.4201,
0.3400

 44.7427, 0.3183,
0.3298

 18.7719, 0.4591,
0.3421

 52.4856, 0.3034,
0.3276

 15.8683, 0.5027,
0.3433

 61.1540, 0.2912,
0.3255

 13.6277, 0.5476,
0.3432

 70.7770, 0.2812,
0.3237

■ 11.9975, 0.5884,
0.3414

■ 81.3825, 0.2729,
0.3221

■ 10.9172, 0.6190,
0.3378

■ 88.8057, 0.2716,
0.3289

■ 10.4696, 0.6327,
0.3358

Harmonies

Analogous

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



31.9072, 0.3422, 0.3137



31.9072, 0.3592, 0.3348



31.9072, 0.3631, 0.3554

Triad

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



31.9072, 0.3592, 0.3348



31.9072, 0.3064, 0.3647



31.9072, 0.2733, 0.2884

Complementary

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



31.9072, 0.3592, 0.3348



41.2217, 0.2781, 0.3231

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.



31.9072, 0.2647, 0.2999



31.9072, 0.3592, 0.3348



31.9072, 0.2833, 0.3444

Square

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



31.9072, 0.3592, 0.3348



31.9072, 0.3319, 0.3741



31.9072, 0.2683, 0.3203



31.9072, 0.2923, 0.2875

Rectangle

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



31.9072, 0.3592, 0.3348



31.9072, 0.3577, 0.3662



31.9072, 0.2683, 0.3203



31.9072, 0.2692, 0.2911

Sweetspot

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



31.9087, 0.3592, 0.3348



75.5228, 0.3245, 0.3307



32.0911, 0.3189, 0.2760



16.5172, 0.3256, 0.3308



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.9087, 0.3592, 0.3348



52.3863, 0.3722, 0.3361



38.8957, 0.3528, 0.3637



9.1436, 0.3285, 0.3312



7.3517, 0.6315, 0.3367



0.3045, 0.6019, 0.3603

Inverse Universe

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



41.2217, 0.2781, 0.3231



71.8746, 0.2713, 0.3217



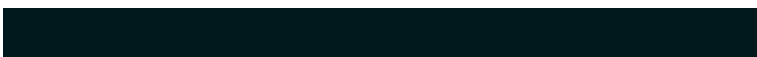
33.4155, 0.2756, 0.2917



10.0633, 0.2985, 0.3268



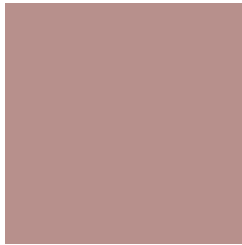
21.4400, 0.2166, 0.2998



0.7978, 0.2189, 0.3080

Previews

White Background



This preview shows how the Yxy color 31.9072, 0.3592, 0.3348 looks on a white background.

Color Contrast Check

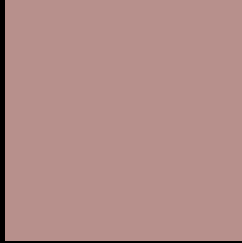
Large Text (above 18pt) WCAG AA × Fail

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 31.9072, 0.3592, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

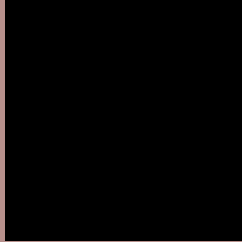
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9072, 0.3592, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 31.9072, 0.3592, 0.3348.



This preview shows how white text looks on a background with the Yxy color 31.9072, 0.3592, 0.3348.

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

31.9072, 0.3592, 0.3348

Protanopia

32.0959, 0.3253, 0.3412

Deuteranopia

31.9281, 0.3482, 0.3423



Tritanopia

31.8363, 0.3469, 0.3138

Trichromacy



Original Color

31.9072, 0.3592, 0.3348

Protanomaly

32.0114, 0.3372, 0.3395

Deuteranomaly

32.0786, 0.3528, 0.3406

Tritanomaly

31.9734, 0.3520, 0.3221

Monochromacy



Original Color

31.9072, 0.3592, 0.3348

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.3346, 0.3280, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9072, 0.3592, 0.3348 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(183, 144, 140)` looks like.

```
.text, #text, p{  
    color:rgb(183, 144, 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(183, 144, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 144, 140) }
```

Border

The CSS property to change the border of an element to Yxy 31.9072, 0.3592, 0.3348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

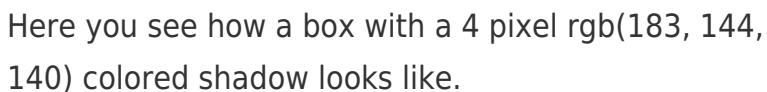
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 144, 140) }
```

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

```
.border{ border-color:rgb(183, 144, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 144, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 144, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 144, 140); box-shadow:4px 4px 4px 4px rgb(183, 144, 140) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9072, 0.3592, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 144, 140) }
```

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

```
.background{ background-color: rgb(183,  
144, 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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