

Converting Colors

Yxy(31.9324, 0.3507, 0.2814)

Have a look what the booklet for
Yxy(31.9324, 0.3507, 0.2814)
contains.

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Color

Yxy(31.9237, 0.3510, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	CA84A9
RGB	202, 132, 169
RGB Percent	79%, 52%, 66%
CMY	0.2080, 0.4823, 0.3373
CMYK	0.00, 0.35, 0.16, 0.21
HSL	328°, 40%, 65%
HSV	328°, 35%, 79%
XYZ	39.7630, 31.9237, 41.5982
YIQ	157.1480, 29.8430, 26.3470

Conversions

Conversions Part 2

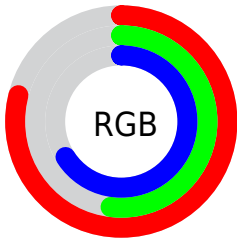
Format	Color
R _Y B	202, 132, 169
Decimal	13272233
CIE Lab	63.28, 32.23, -8.43
CIE LCh	63, 33.315, 345.337
Yxy	31.9237, 0.3510, 0.2818
Android (android.graphics.Color)	4291462313 (0xFFCA84A9)
YUV	157.1480, 5.8430, 39.3352
Hunter-Lab	56.5011, 26.7438, -4.1008

Details

The Yxy color **31.9237, 0.3510, 0.2818** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.8508, 0.2867, 0.3819**, and the grayscale version is **33.7510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7596, 0.3398, 0.2904**, and **13.3723, 0.3636, 0.2674** is the 20% darker color. If you saturate the color by 10%, you get **26.6217, 0.3669, 0.2682**, and if you desaturate by 10%, it is **38.3151, 0.3375, 0.2959**.

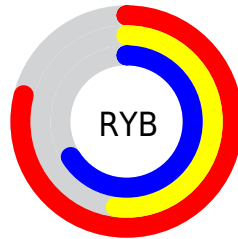
Distribution



Red (79%)

Green (52%)

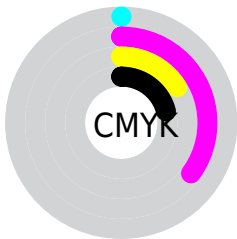
Blue (66%)



Red (79%)

Yellow (52%)

Blue (66%)

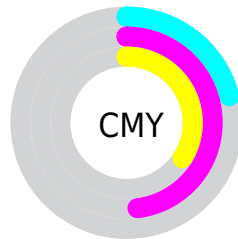


Cyan (0%)

Magenta (35%)

Yellow (16%)

Black (21%)



Cyan (21%)


Magenta (48%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9237, 0.3510, 0.2818 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 31.9237, 0.3510, 0.2818 by changing the saturation by 10% instead.


 31.9237, 0.3510,
0.2818


 31.9237, 0.3510,
0.2818


310.7715, 0.3311,
0.3060


 21.3032, 0.3562,
0.2756


 62.6915, 0.3436,
0.2907

 13.3458, 0.3631,
0.2675


 83.6075, 0.3409,
0.2940

 7.6671, 0.3725,
0.2565


 108.7243, 0.3386,
0.2968

 3.8827, 0.3862,
0.2409

138.4260, 0.3366,
0.2992

 1.6082, 0.4078,
0.2169

173.0973, 0.3350,
0.3012

 0.3631, 0.4639,
0.1444

213.1223, 0.3335,

 0.0000, 1.0000,

0.3030

0.0000

258.8856, 0.3322,
0.3046

0.0000, 0.0000,
0.0000

31.9237, 0.3510,
0.2818

31.9237, 0.3510,
0.2818

26.6217, 0.3669,
0.2682

38.3151, 0.3375,
0.2959

22.3427, 0.3851,
0.2558

45.8485, 0.3261,
0.3098

19.0199, 0.4056,
0.2457


54.5783, 0.3166,
0.3231


16.5766, 0.4277,
0.2392


64.5543, 0.3087,
0.3356


14.9242, 0.4506,
0.2375


75.8232, 0.3021,
0.3473

 13.9548, 0.4731,
0.2411

 88.4296, 0.2967,
0.3581

 13.6086, 0.4850,
0.2446

 90.1079, 0.2917,
0.3495

 90.6752, 0.2867,
0.3393

 91.2724, 0.2817,
0.3292

Harmonies

Analogous

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



31.9237, 0.2971, 0.2556



31.9237, 0.3510, 0.2818



31.9237, 0.3968, 0.3189

Triad

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



31.9237, 0.3510, 0.2818



31.9237, 0.3714, 0.4226



31.9237, 0.2178, 0.2835

Complementary

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



31.9237, 0.3510, 0.2818



49.8508, 0.2867, 0.3819

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.



31.9237, 0.2340, 0.3311



31.9237, 0.3510, 0.2818



31.9237, 0.3211, 0.4192

Square

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



31.9237, 0.3510, 0.2818



31.9237, 0.4076, 0.3986



31.9237, 0.2710, 0.3838



31.9237, 0.2240, 0.2540

Rectangle

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



31.9237, 0.3510, 0.2818



31.9237, 0.4143, 0.3465



31.9237, 0.2710, 0.3838



31.9237, 0.2207, 0.2978

Sweetspot

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



31.9252, 0.3510, 0.2818



84.0455, 0.3216, 0.3158



28.7348, 0.2801, 0.2342



17.5461, 0.3230, 0.3139



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.



31.9252, 0.3510, 0.2818



46.7925, 0.3634, 0.2709



30.7920, 0.3912, 0.3262



11.3111, 0.3209, 0.3168



8.7781, 0.4822, 0.2430



0.4681, 0.4423, 0.2210

Inverse Universe

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



31.9252, 0.3510, 0.2818



46.7925, 0.3634, 0.2709



51.2874, 0.2655, 0.3320



11.3111, 0.3209, 0.3168



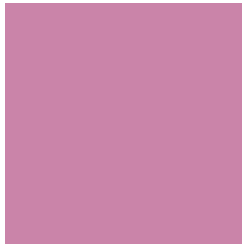
8.7781, 0.4822, 0.2430



0.4681, 0.4423, 0.2210

Previews

White Background



This preview shows how the Yxy color 31.9237, 0.3510, 0.2818 looks on a white background.

Color Contrast Check

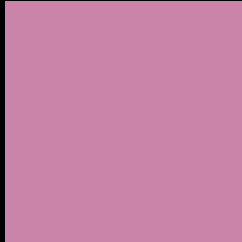
Large Text (above 18pt) WCAG AA × Fail

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 31.9237, 0.3510, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

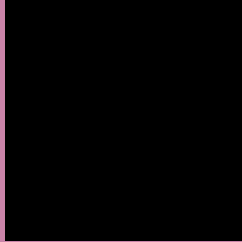
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9237, 0.3510, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 31.9237, 0.3510, 0.2818.



This preview shows how white text looks on a background with the Yxy color 31.9237, 0.3510, 0.2818.

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

31.9237, 0.3510, 0.2818

Protanopia

32.1298, 0.2827, 0.2849

Deuteranopia

32.0346, 0.3109, 0.3042



Tritanopia

31.8258, 0.3727, 0.3160

Trichromacy



Original Color

31.9237, 0.3510, 0.2818

Protanomaly

31.7500, 0.3058, 0.2838

Deuteranomaly

31.7821, 0.3247, 0.2955

Tritanomaly

31.9404, 0.3650, 0.3043

Monochromacy



Original Color

31.9237, 0.3510, 0.2818

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.6373, 0.3259, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9237, 0.3510, 0.2818 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(202, 132, 169)` looks like.

```
.text, #text, p{  
    color:rgb(202, 132, 169)  
}
```

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(202, 132, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 132, 169) }
```

Border

The CSS property to change the border of an element to Yxy 31.9237, 0.3510, 0.2818 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(202, 132, 169) }
```

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

```
.border{ border-color:rgb(202, 132, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 132, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 132, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 132, 169); box-shadow:4px 4px 4px 4px rgb(202, 132, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9237, 0.3510, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 132, 169) }
```

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

```
.background{ background-color: rgb(202,  
132, 169) }
```

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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