

Converting Colors

$Y_{xy}(31.4280, 0.3397, 0.2655)$

Have a look what the booklet for
Yxy(31.4280, 0.3397, 0.2655)
contains.

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Color

Yxy(31.3727, 0.3395, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	C981B3
RGB	201, 129, 179
RGB Percent	79%, 51%, 70%
CMY	0.2118, 0.4941, 0.2981
CMYK	0.00, 0.36, 0.11, 0.21
HSL	318°, 40%, 65%
HSV	318°, 36%, 79%
XYZ	40.0716, 31.3727, 46.5869
YIQ	156.2280, 26.8620, 30.8140

Conversions

Conversions Part 2

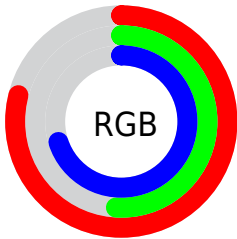
Format	Color
R _Y B	201, 129, 179
Decimal	13205939
CIE Lab	62.82, 35.17, -14.81
CIE LCh	63, 38.162, 337.168
Yxy	31.3727, 0.3395, 0.2658
Android (android.graphics.Color)	4291396019 (0xFFC981B3)
YUV	156.2280, 11.2266, 39.2650
Hunter-Lab	56.0113, 29.6825, -10.1060

Details

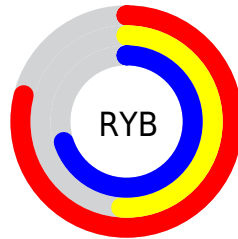
The Yxy color **31.3727, 0.3395, 0.2658** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.6716, 0.2936, 0.4022**, and the grayscale version is **33.2936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1251, 0.3313, 0.2768**, and **13.0661, 0.3481, 0.2479** is the 20% darker color. If you saturate the color by 10%, you get **26.3461, 0.3497, 0.2485**, and if you desaturate by 10%, it is **37.4546, 0.3305, 0.2838**.

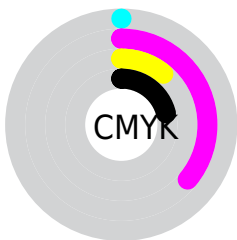
Distribution



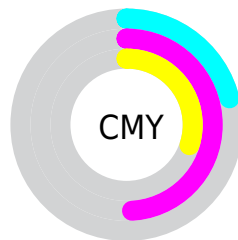
- Red (79%)
- Green (51%)
- Blue (70%)



- Red (79%)
- Yellow (51%)
- Blue (70%)



- Cyan (0%)
- Magenta (36%)
- Yellow (11%)
- Black (21%)




- Cyan (21%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3727, 0.3395, 0.2658 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 31.3727, 0.3395, 0.2658 by changing the saturation by 10% instead.


 31.3727, 0.3395,
0.2658


 31.3727, 0.3395,
0.2658


308.2517, 0.3260,
0.2977


 20.8828, 0.3429,
0.2578


 61.8264, 0.3346,
0.2775

 13.0384, 0.3472,
0.2474


 82.5590, 0.3328,
0.2818

 7.4550, 0.3529,
0.2336


 107.4746, 0.3312,
0.2855

 3.7482, 0.3609,
0.2142

136.9576, 0.3299,
0.2887

 1.5337, 0.3726,
0.1856

171.3924, 0.3287,
0.2914

 0.3123, 0.4061,
0.1061

211.1634, 0.3277,

 0.0000, 0.3779,

0.2938

0.0000

256.6551, 0.3268,
0.2959

0.0000, 0.0000,
0.0000

31.3727, 0.3395,
0.2658

31.3727, 0.3395,
0.2658

26.3461, 0.3497,
0.2485

37.4546, 0.3305,
0.2838

22.3092, 0.3611,
0.2329

44.6441, 0.3227,
0.3018

19.1953, 0.3734,
0.2199


52.9949, 0.3161,
0.3192


16.9280, 0.3862,
0.2107


62.5562, 0.3105,
0.3358

15.4184, 0.3993,
0.2060


73.3742, 0.3058,
0.3514


 14.5560, 0.4120,
0.2063

 85.4928, 0.3018,
0.3659

 14.2968, 0.4174,
0.2073

 89.2096, 0.2984,
0.3646

 89.5451, 0.2951,
0.3578

 89.8926, 0.2918,
0.3510

Harmonies

Analogous

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



31.3727, 0.2787, 0.2408



31.3727, 0.3395, 0.2658



31.3727, 0.3975, 0.3046

Triad

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



31.3727, 0.3395, 0.2658



31.3727, 0.3927, 0.4311



31.3727, 0.2074, 0.2890

Complementary

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



31.3727, 0.3395, 0.2658



48.6716, 0.2936, 0.4022

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.



31.3727, 0.2320, 0.3479



31.3727, 0.3395, 0.2658



31.3727, 0.3378, 0.4388

Square

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



31.3727, 0.3395, 0.2658



31.3727, 0.4281, 0.3963



31.3727, 0.2789, 0.4073



31.3727, 0.2077, 0.2498

Rectangle

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



31.3727, 0.3395, 0.2658



31.3727, 0.4236, 0.3349



31.3727, 0.2789, 0.4073



31.3727, 0.2128, 0.3071

Sweetspot

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



31.3741, 0.3395, 0.2658



82.8509, 0.3195, 0.3100



26.4618, 0.2673, 0.2276



17.3190, 0.3204, 0.3076



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.



31.3741, 0.3395, 0.2658



46.8645, 0.3474, 0.2522



30.1153, 0.3805, 0.3103



10.7593, 0.3183, 0.3131



9.0072, 0.4157, 0.2063



0.4390, 0.3914, 0.1930

Inverse Universe

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



31.3741, 0.3395, 0.2658



46.8645, 0.3474, 0.2522



50.0074, 0.2713, 0.3491



10.7593, 0.3183, 0.3131



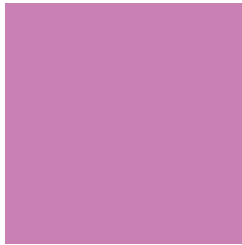
9.0072, 0.4157, 0.2063



0.4390, 0.3914, 0.1930

Previews

White Background



This preview shows how the Yxy color 31.3727, 0.3395, 0.2658 looks on a white background.

Color Contrast Check

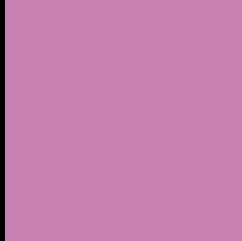
Large Text (above 18pt) WCAG AA × Fail

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 31.3727, 0.3395, 0.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

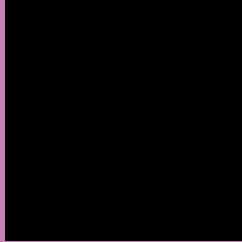
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3727, 0.3395, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 31.3727, 0.3395, 0.2658.



This preview shows how white text looks on a background with the Yxy color 31.3727, 0.3395, 0.2658.

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

31.3727, 0.3395, 0.2658

Protanopia

31.6910, 0.2672, 0.2664

Deuteranopia

31.6580, 0.2958, 0.2909



Tritanopia

31.2736, 0.3709, 0.3145

Trichromacy



Original Color

31.3727, 0.3395, 0.2658

Protanomaly

31.1056, 0.2901, 0.2646

Deuteranomaly

31.2512, 0.3108, 0.2814

Tritanomaly

31.2494, 0.3588, 0.2963

Monochromacy



Original Color

31.3727, 0.3395, 0.2658

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.0088, 0.3222, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3727, 0.3395, 0.2658 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(201, 129, 179)` looks like.

```
.text, #text, p{  
    color:rgb(201, 129, 179)  
}
```

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(201, 129, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 129, 179) }
```

Border

The CSS property to change the border of an element to Yxy 31.3727, 0.3395, 0.2658 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(201, 129, 179) }
```

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

```
.border{ border-color:rgb(201, 129, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 129, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 129, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 129, 179);  
box-shadow:4px 4px 4px 4px rgb(201, 129,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3727, 0.3395, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 129, 179) }
```

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

```
.background{ background-color: rgb(201,  
129, 179) }
```

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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