

Converting Colors

$Y_{xy}(35.0905, 0.3174, 0.2604)$

Have a look what the booklet for
Yxy(35.0905, 0.3174, 0.2604)
contains.

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Color

Yxy(35.0410, 0.3179, 0.2604)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C68DC4 |
| RGB | 198, 141, 196 |
| RGB Percent | 78%, 55%, 77% |
| CMY | 0.2235, 0.4470, 0.2313 |
| CMYK | 0.00, 0.29, 0.01, 0.22 |
| HSL | 302°, 33%, 66% |
| HSV | 302°, 29%, 78% |
| XYZ | 42.7785, 35.0410, 56.7465 |
| YIQ | 164.3130, 16.3170, 29.1890 |

Conversions

Conversions Part 2

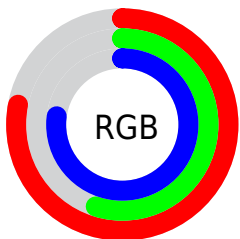
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 198, 141, 196 |
| Decimal | 13012420 |
| CIELab | 65.78, 30.67, -19.95 |
| CIELCh | 66, 36.590, 326.963 |
| Yxy | 35.0410, 0.3179, 0.2604 |
| Android (android.graphics.Color) | 4291202500 (0xFFC68DC4) |
| YUV | 164.3130, 15.6217, 29.5435 |
| Hunter-Lab | 59.1954, 25.4039, -15.4003 |

Details

The Yxy color **35.0410, 0.3179, 0.2604** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.0323, 0.3075, 0.4087**, and the grayscale version is **37.2006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3821, 0.3169, 0.2721**, and **15.1050, 0.3182, 0.2419** is the 20% darker color. If you saturate the color by 10%, you get **29.6849, 0.3199, 0.2372**, and if you desaturate by 10%, it is **41.4441, 0.3160, 0.2844**.

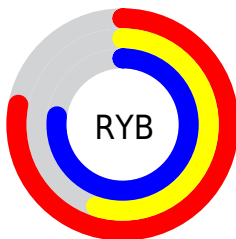
Distribution



Red (78%)

Green (55%)

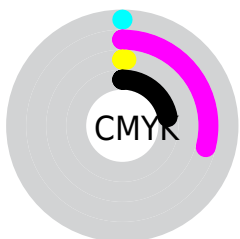
Blue (77%)



Red (78%)

Yellow (55%)

Blue (77%)

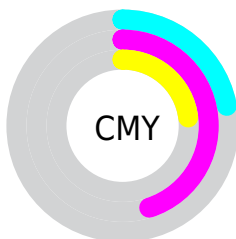


Cyan (0%)

Magenta (29%)

Yellow (1%)

Black (22%)



Cyan (22%)


Magenta (45%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0410, 0.3179, 0.2604 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 35.0410, 0.3179, 0.2604 by changing the saturation by 10% instead.


 35.0410, 0.3179,
0.2604


 35.0410, 0.3179,
0.2604


324.7493, 0.3160,
0.2943


 23.6945, 0.3182,
0.2521


 67.5493, 0.3174,
0.2726

 15.1071, 0.3184,
0.2415


 89.4798, 0.3171,
0.2772

 8.8946, 0.3184,
0.2277


 115.7071, 0.3169,
0.2812

 4.6725, 0.3180,
0.2087

146.6156, 0.3167,
0.2845

 2.0564, 0.3165,
0.1816

182.5897, 0.3165,
0.2875

 0.6399, 0.3128,
0.1362

224.0137, 0.3163,

 0.0000, 0.2560,

0.2900

0.0000

271.2721, 0.3161,
0.2923

0.0000, 0.0000,
0.0000

35.0410, 0.3179,
0.2604

35.0410, 0.3179,
0.2604

29.6849, 0.3199,
0.2372

41.4441, 0.3160,
0.2844

25.3156, 0.3218,
0.2156

48.9410, 0.3142,
0.3084

21.8738, 0.3237,
0.1967

57.5813, 0.3125,
0.3318

19.2921, 0.3255,
0.1812

67.4104, 0.3110,
0.3540

17.4937, 0.3271,
0.1698

78.4710, 0.3096,
0.3749

■ 16.3887, 0.3285,
0.1627

■ 87.7020, 0.3086,
0.3895

■ 15.8289, 0.3297,
0.1594

■ 87.7342, 0.3082,
0.3887

■ 15.7730, 0.3298,
0.1590

■ 87.7665, 0.3078,
0.3879

■ 87.7989, 0.3075,
0.3871

Harmonies

Analogous

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



35.0410, 0.2646, 0.2425



35.0410, 0.3179, 0.2604



35.0410, 0.3745, 0.2931

Triad

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



35.0410, 0.3179, 0.2604



35.0410, 0.4011, 0.4151



35.0410, 0.2199, 0.3096

Complementary

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



35.0410, 0.3179, 0.2604



48.0323, 0.3075, 0.4087

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.



35.0410, 0.2508, 0.3664



35.0410, 0.3179, 0.2604



35.0410, 0.3550, 0.4316

Square

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



35.0410, 0.3179, 0.2604



35.0410, 0.4242, 0.3784



35.0410, 0.2998, 0.4145



35.0410, 0.2121, 0.2657

Rectangle

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



35.0410, 0.3179, 0.2604



35.0410, 0.4044, 0.3203



35.0410, 0.2998, 0.4145



35.0410, 0.2277, 0.3279

Sweetspot

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



35.0425, 0.3179, 0.2604



86.1703, 0.3143, 0.3076



28.9587, 0.2644, 0.2467



17.9997, 0.3145, 0.3041



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.



35.0425, 0.3179, 0.2604



55.4641, 0.3192, 0.2446



33.8683, 0.3465, 0.2945



10.8100, 0.3143, 0.3070



10.2607, 0.3297, 0.1590



0.4879, 0.3277, 0.1579

Inverse Universe

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



35.0425, 0.3179, 0.2604



55.4641, 0.3192, 0.2446



49.0054, 0.2884, 0.3665



10.8100, 0.3143, 0.3070



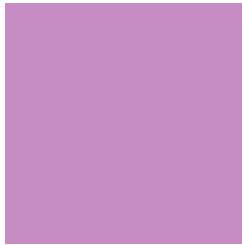
10.2607, 0.3297, 0.1590



0.4879, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 35.0410, 0.3179, 0.2604 looks on a white background.

Color Contrast Check

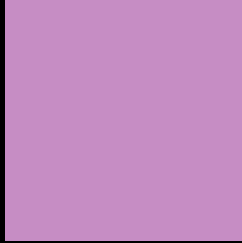
Large Text (above 18pt) WCAG AA × Fail

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 35.0410, 0.3179, 0.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

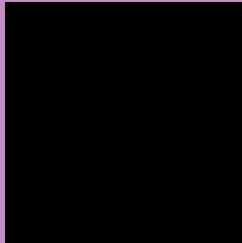
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0410, 0.3179, 0.2604

Background



This preview shows how black text looks on a background with the Yxy color 35.0410, 0.3179, 0.2604.



This preview shows how white text looks on a background with the Yxy color 35.0410, 0.3179, 0.2604.

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

35.0410, 0.3179, 0.2604

Protanopia

35.2108, 0.2632, 0.2600

Deuteranopia

35.3351, 0.2840, 0.2789



Tritanopia

35.0205, 0.3487, 0.3144

Trichromacy



Original Color

35.0410, 0.3179, 0.2604

Protanomaly

34.9231, 0.2811, 0.2594

Deuteranomaly

34.9125, 0.2955, 0.2712

Tritanomaly

34.8315, 0.3381, 0.2938

Monochromacy



Original Color

35.0410, 0.3179, 0.2604

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.1416, 0.3140, 0.3016

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0410, 0.3179, 0.2604 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(198, 141, 196)` looks like.

```
.text, #text, p{  
    color:rgb(198, 141, 196)  
}
```

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(198, 141, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 141, 196) }
```

Border

The CSS property to change the border of an element to Yxy 35.0410, 0.3179, 0.2604 is called "border". The border property can be set on classes, ids or directly on the HTML element.

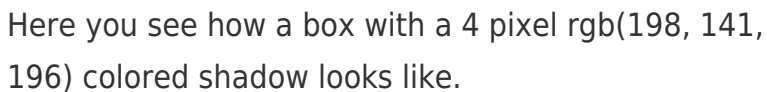
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 141, 196) }
```

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

```
.border{ border-color:rgb(198, 141, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 141, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 141, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 141, 196); box-shadow:4px 4px 4px 4px rgb(198, 141, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0410, 0.3179, 0.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 141, 196) }
```

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

```
.background{ background-color: rgb(198,  
141, 196) }
```

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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