

Converting Colors

$Yxy(35.6694, 0.3409, 0.2960)$

Have a look what the booklet for
Yxy(35.6694, 0.3409, 0.2960)
contains.

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Color

Yxy(35.5421, 0.3410, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	C692AC
RGB	198, 146, 172
RGB Percent	78%, 57%, 67%
CMY	0.2235, 0.4274, 0.3255
CMYK	0.00, 0.26, 0.13, 0.22
HSL	330°, 31%, 67%
HSV	330°, 26%, 78%
XYZ	41.0147, 35.5421, 43.7210
YIQ	164.5120, 22.6460, 19.1100

Conversions

Conversions Part 2

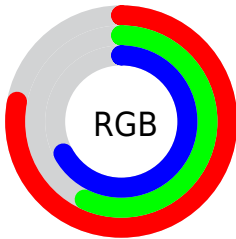
Format	Color
R _Y B	198, 146, 172
Decimal	13013676
CIE Lab	66.17, 23.66, -5.88
CIE LCh	66, 24.381, 346.044
Yxy	35.5421, 0.3410, 0.2955
Android (android.graphics.Color)	4291203756 (0xFFC692AC)
YUV	164.5120, 3.6916, 29.3690
Hunter-Lab	59.6172, 18.4723, -1.7490

Details

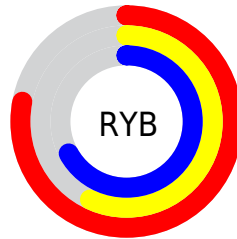
The Yxy color **35.5421, 0.3410, 0.2955** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.4837, 0.2915, 0.3652**, and the grayscale version is **37.3559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1146, 0.3357, 0.3018**, and **15.3801, 0.3487, 0.2852** is the 20% darker color. If you saturate the color by 10%, you get **29.5918, 0.3558, 0.2822**, and if you desaturate by 10%, it is **42.5812, 0.3286, 0.3087**.

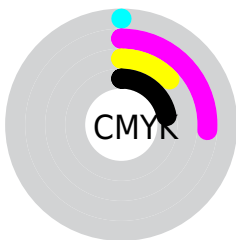
Distribution



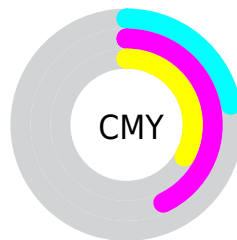
- Red (78%)
- Green (57%)
- Blue (67%)



- Red (78%)
- Yellow (57%)
- Blue (67%)



- Cyan (0%)
- Magenta (26%)
- Yellow (13%)
- Black (22%)




- Cyan (22%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5421, 0.3410, 0.2955 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 35.5421, 0.3410, 0.2955 by changing the saturation by 10% instead.


 35.5421, 0.3410,
0.2955


 35.5421, 0.3410,
0.2955


326.9547, 0.3264,
0.3126

 24.0808, 0.3448,
0.2911


 68.3247, 0.3356,
0.3018

 15.3935, 0.3497,
0.2855


 90.4148, 0.3336,
0.3041

 9.0960, 0.3565,
0.2778


116.8166, 0.3319,
0.3061

 4.8039, 0.3662,
0.2669

147.9144, 0.3305,
0.3078

 2.1327, 0.3814,
0.2501

184.0928, 0.3293,
0.3092

 0.6829, 0.4105,
0.2176

225.7360, 0.3282,


 0.0000, 1.0000,


0.3105


0.0000


273.2285, 0.3273,
0.3116


 0.0000, 0.0000,
0.0000


 35.5421, 0.3410,
0.2955


 35.5421, 0.3410,
0.2955


 29.5918, 0.3558,
0.2822


 42.5812, 0.3286,
0.3087


 24.6705, 0.3731,
0.2694

 50.7556, 0.3183,
0.3214


 20.7197, 0.3931,
0.2580


 60.1146, 0.3097,
0.3334


 17.6732, 0.4154,
0.2490


 70.7036, 0.3026,
0.3445


 15.4562, 0.4394,
0.2439

 82.5652, 0.2968,
0.3548

 13.9819, 0.4641,
0.2436

 89.3213, 0.2916,
0.3542

 13.1396, 0.4882,
0.2486

 89.8986, 0.2864,
0.3434

 12.9067, 0.4971,
0.2512

 90.5081, 0.2813,
0.3328

 90.7472, 0.2794,
0.3289

Harmonies

Analogous

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



35.5421, 0.3030, 0.2758



35.5421, 0.3410, 0.2955



35.5421, 0.3725, 0.3234

Triad

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



35.5421, 0.3410, 0.2955



35.5421, 0.3546, 0.3952



35.5421, 0.2438, 0.2971

Complementary

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



35.5421, 0.3410, 0.2955



49.4837, 0.2915, 0.3652

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.



35.5421, 0.2558, 0.3305



35.5421, 0.3410, 0.2955



35.5421, 0.3188, 0.3907

Square

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



35.5421, 0.3410, 0.2955



35.5421, 0.3800, 0.3805



35.5421, 0.2828, 0.3661



35.5421, 0.2487, 0.2751

Rectangle

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



35.5421, 0.3410, 0.2955



35.5421, 0.3844, 0.3438



35.5421, 0.2828, 0.3661



35.5421, 0.2459, 0.3073

Sweetspot

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



35.5437, 0.3410, 0.2955



87.0278, 0.3200, 0.3191



33.4076, 0.2911, 0.2594



18.1385, 0.3215, 0.3172



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.



35.5437, 0.3410, 0.2955



56.1644, 0.3499, 0.2872



34.6411, 0.3683, 0.3292



10.7238, 0.3213, 0.3175



8.4098, 0.4941, 0.2496



0.4128, 0.4485, 0.2245

Inverse Universe

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



35.5437, 0.3410, 0.2955



56.1644, 0.3499, 0.2872



50.5818, 0.2747, 0.3289



10.7238, 0.3213, 0.3175



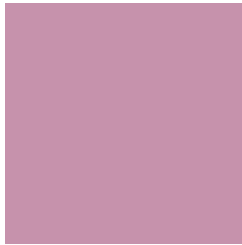
8.4098, 0.4941, 0.2496



0.4128, 0.4485, 0.2245

Previews

White Background



This preview shows how the Yxy color 35.5421, 0.3410, 0.2955 looks on a white background.

Color Contrast Check

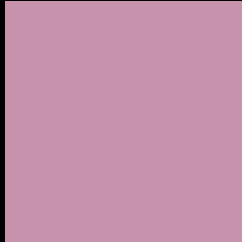
Large Text (above 18pt) WCAG AA × Fail

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 35.5421, 0.3410, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

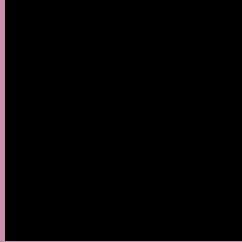
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5421, 0.3410, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 35.5421, 0.3410, 0.2955.



This preview shows how white text looks on a background with the Yxy color 35.5421, 0.3410, 0.2955.

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

35.5421, 0.3410, 0.2955

Protanopia

35.7469, 0.2929, 0.2991

Deuteranopia

35.5635, 0.3166, 0.3095



Tritanopia

35.4536, 0.3508, 0.3133

Trichromacy



Original Color

35.5421, 0.3410, 0.2955

Protanomaly

35.5413, 0.3094, 0.2973

Deuteranomaly

35.3418, 0.3249, 0.3032

Tritanomaly

35.4181, 0.3480, 0.3069

Monochromacy



Original Color

35.5421, 0.3410, 0.2955

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.6280, 0.3221, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5421, 0.3410, 0.2955 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, 146, 172)` looks like.

```
.text, #text, p{  
    color:rgb(198, 146, 172)  
}
```

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, 146, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 146, 172) }
```

Border

The CSS property to change the border of an element to Yxy 35.5421, 0.3410, 0.2955 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, 146, 172) }
```

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

```
.border{ border-color:rgb(198, 146, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 146, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 146, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 146, 172);  
box-shadow:4px 4px 4px 4px rgb(198, 146,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5421, 0.3410, 0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 146, 172) }
```

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

```
.background{ background-color: rgb(198,  
146, 172) }
```

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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