

Converting Colors

$Y_{xy}(35.6479, 0.3278, 0.2607)$

Have a look what the booklet for
Yxy(35.6479, 0.3278, 0.2607)
contains.

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Color

Yxy(35.6708, 0.3280, 0.2611)

Conversions

Conversions Part 1

Format	Color
Hex	CF8BC3
RGB	207, 139, 195
RGB Percent	81%, 55%, 76%
CMY	0.1883, 0.4548, 0.2354
CMYK	0.00, 0.33, 0.06, 0.19
HSL	311°, 41%, 68%
HSV	311°, 33%, 81%
XYZ	44.8105, 35.6708, 56.1361
YIQ	165.7160, 22.5520, 31.8320

Conversions

Conversions Part 2

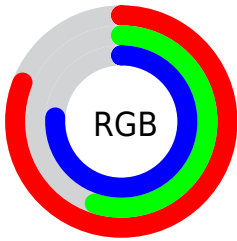
Format	Color
R _Y B	207, 139, 195
Decimal	13601731
CIE Lab	66.27, 34.55, -18.53
CIE LCh	66, 39.204, 331.794
Yxy	35.6708, 0.3280, 0.2611
Android (android.graphics.Color)	4291791811 (0xFFCF8BC3)
YUV	165.7160, 14.4370, 36.2061
Hunter-Lab	59.7250, 29.4062, -13.9197

Details

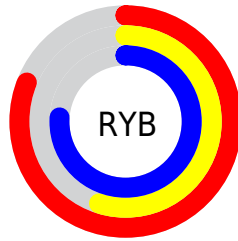
The Yxy color **35.6708, 0.3280, 0.2611** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.3472, 0.3006, 0.4081**, and the grayscale version is **37.9107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4282, 0.3177, 0.2710**, and **15.5779, 0.3324, 0.2437** is the 20% darker color. If you saturate the color by 10%, you get **30.0707, 0.3339, 0.2409**, and if you desaturate by 10%, it is **42.4130, 0.3227, 0.2821**.

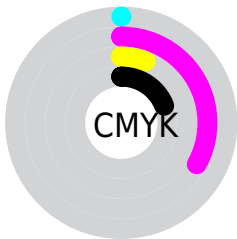
Distribution



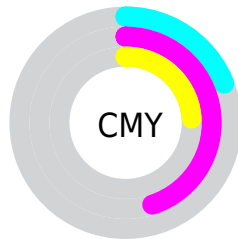
- Red (81%)
- Green (55%)
- Blue (76%)



- Red (81%)
- Yellow (55%)
- Blue (76%)



- Cyan (0%)
- Magenta (33%)
- Yellow (6%)
- Black (19%)





- Cyan (19%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6708, 0.3280, 0.2611 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 35.6708, 0.3280, 0.2611 by changing the saturation by 10% instead.


 35.6708, 0.3280,
0.2611

 35.6708, 0.3280,
0.2611


327.5194, 0.3209,
0.2946


 24.1801, 0.3296,
0.2529


 68.5237, 0.3255,
0.2731

 15.4672, 0.3316,
0.2426


 90.6545, 0.3246,
0.2777

 9.1480, 0.3340,
0.2290


 117.1010, 0.3238,
0.2815

 4.8378, 0.3370,
0.2106

148.2473, 0.3230,
0.2849

 2.1524, 0.3406,
0.1842

184.4779, 0.3224,
0.2878

 0.6939, 0.3455,
0.1417

226.1771, 0.3218,


 0.0000, 0.3477,


0.2903

0.0000


273.7295, 0.3213,
0.2926

 0.0000, 0.0000,
0.0000


 35.6708, 0.3280,
0.2611


 35.6708, 0.3280,
0.2611

 30.0707, 0.3339,
0.2409

 42.4130, 0.3227,
0.2821


 25.5437, 0.3403,
0.2223


 50.3516, 0.3179,
0.3030

 22.0207, 0.3471,
0.2064


 59.5434, 0.3138,
0.3234

 19.4225, 0.3540,
0.1941


 70.0401, 0.3102,
0.3428

 17.6583, 0.3608,
0.1860

 81.8904, 0.3072,
0.3610

 16.6184, 0.3673,
0.1825

 89.7904, 0.3048,
0.3698

 16.1813, 0.3718,
0.1822

 89.9829, 0.3027,
0.3657

 90.1797, 0.3007,
0.3617

 90.3807, 0.2987,
0.3577

Harmonies

Analogous

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



35.6708, 0.2697, 0.2394



35.6708, 0.3280, 0.2611



35.6708, 0.3871, 0.2974

Triad

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



35.6708, 0.3280, 0.2611



35.6708, 0.3997, 0.4249



35.6708, 0.2114, 0.2990

Complementary

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



35.6708, 0.3280, 0.2611



52.3472, 0.3006, 0.4081

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.



35.6708, 0.2401, 0.3589



35.6708, 0.3280, 0.2611



35.6708, 0.3480, 0.4383

Square

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



35.6708, 0.3280, 0.2611



35.6708, 0.4294, 0.3878



35.6708, 0.2895, 0.4142



35.6708, 0.2073, 0.2562

Rectangle

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



35.6708, 0.3280, 0.2611



35.6708, 0.4163, 0.3267



35.6708, 0.2895, 0.4142



35.6708, 0.2183, 0.3178

Sweetspot

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



35.6724, 0.3280, 0.2611



84.5087, 0.3167, 0.3086



29.4906, 0.2638, 0.2348



17.6585, 0.3173, 0.3057



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.



35.6724, 0.3280, 0.2611



51.0249, 0.3319, 0.2476



34.3306, 0.3628, 0.3005



11.9717, 0.3164, 0.3101



10.2085, 0.3710, 0.1817



0.5804, 0.3602, 0.1758

Inverse Universe

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



35.6724, 0.3280, 0.2611



51.0249, 0.3319, 0.2476



53.5864, 0.2797, 0.3599



11.9717, 0.3164, 0.3101



10.2085, 0.3710, 0.1817



0.5804, 0.3602, 0.1758

Previews

White Background



This preview shows how the Yxy color 35.6708, 0.3280, 0.2611 looks on a white background.

Color Contrast Check

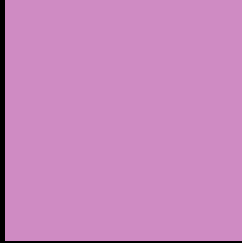
Large Text (above 18pt) WCAG AA × Fail

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 35.6708, 0.3280, 0.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

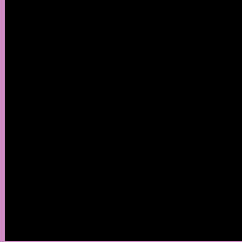
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6708, 0.3280, 0.2611

Background



This preview shows how black text looks on a background with the Yxy color 35.6708, 0.3280, 0.2611.



This preview shows how white text looks on a background with the Yxy color 35.6708, 0.3280, 0.2611.

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

35.6708, 0.3280, 0.2611

Protanopia

36.0907, 0.2629, 0.2605

Deuteranopia

35.9409, 0.2875, 0.2820



Tritanopia

35.5486, 0.3607, 0.3149

Trichromacy



Original Color

35.6708, 0.3280, 0.2611



Protanomaly

35.2993, 0.2830, 0.2587



Deuteranomaly

35.4485, 0.3010, 0.2732



Tritanomaly

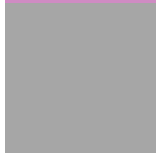
35.4226, 0.3487, 0.2936

Monochromacy



Original Color

35.6708, 0.3280, 0.2611



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

36.7750, 0.3179, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6708, 0.3280, 0.2611 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(207, 139, 195)` looks like.

```
.text, #text, p{  
    color:rgb(207, 139, 195)  
}
```

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(207, 139, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 139, 195) }
```

Border

The CSS property to change the border of an element to Yxy 35.6708, 0.3280, 0.2611 is called "border". The border property can be set on classes, ids or directly on the HTML element.

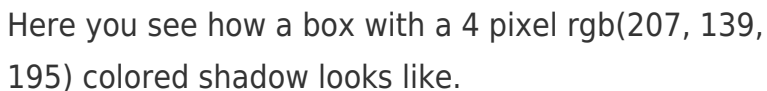
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 139, 195) }
```

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

```
.border{ border-color:rgb(207, 139, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 139, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 139, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 139, 195);  
box-shadow:4px 4px 4px 4px rgb(207, 139,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6708, 0.3280, 0.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 139, 195) }
```

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

```
.background{ background-color: rgb(207,  
139, 195) }
```

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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