

Converting Colors

$Y_{xy}(38.4709, 0.3295, 0.2830)$

Have a look what the booklet for
Yxy(38.4709, 0.3295, 0.2830)
contains.

Yxy(38.4606, 0.3295, 0.2831)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.4606, 0.3295, 0.2831)

Conversions

Conversions Part 1

Format	Color
Hex	CB97BC
RGB	203, 151, 188
RGB Percent	80%, 59%, 74%
CMY	0.2040, 0.4078, 0.2628
CMYK	0.00, 0.26, 0.07, 0.20
HSL	317°, 33%, 69%
HSV	317°, 26%, 80%
XYZ	44.7643, 38.4606, 52.6303
YIQ	170.7660, 19.1150, 22.5310

Conversions

Conversions Part 2

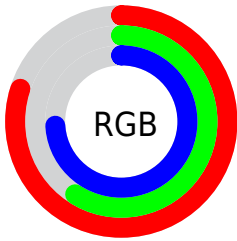
Format	Color
R_{YB}	203, 151, 188
Decimal	13342652
CIE _{Lab}	68.36, 25.40, -11.51
CIE _{LCh}	68, 27.889, 335.616
Yxy	38.4606, 0.3295, 0.2831
Android (android.graphics.Color)	4291532732 (0xFFCB97BC)
YUV	170.7660, 8.4964, 28.2692
Hunter-Lab	62.0166, 20.3142, -6.9047

Details

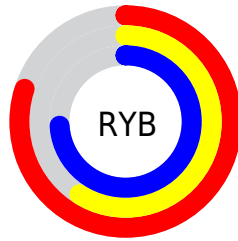
The Yxy color **38.4606, 0.3295, 0.2831** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.0323, 0.2993, 0.3798**, and the grayscale version is **40.5506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9343, 0.3226, 0.2914**, and **17.1595, 0.3334, 0.2706** is the 20% darker color. If you saturate the color by 10%, you get **32.2334, 0.3380, 0.2647**, and if you desaturate by 10%, it is **45.8261, 0.3221, 0.3015**.

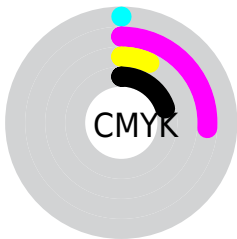
Distribution



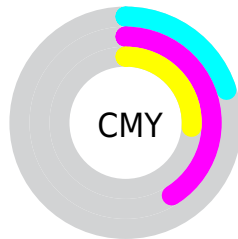
- Red (80%)
- Green (59%)
- Blue (74%)



- Red (80%)
- Yellow (59%)
- Blue (74%)



- Cyan (0%)
- Magenta (26%)
- Yellow (7%)
- Black (20%)





- Cyan (20%)
- Magenta (41%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4606, 0.3295, 0.2831 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 38.4606, 0.3295, 0.2831 by changing the saturation by 10% instead.


 38.4606, 0.3295,
0.2831


 38.4606, 0.3295,
0.2831


339.5917, 0.3212,
0.3059

 26.3404, 0.3315,
0.2775


 72.8136, 0.3265,
0.2914

 17.0784, 0.3341,
0.2702


 95.8151, 0.3254,
0.2945

 10.2904, 0.3374,
0.2607


123.2125, 0.3245,
0.2971

 5.5919, 0.3420,
0.2475

155.3902, 0.3236,
0.2994

 2.5986, 0.3486,
0.2281

192.7326, 0.3229,
0.3013

 0.9260, 0.3589,
0.1971

235.6240, 0.3223,


 0.0000, 0.4243,

0.3030


0.0000

284.4489, 0.3217,
0.3046


 0.0000, 0.0000,
0.0000

 38.4606, 0.3295,
0.2831

 38.4606, 0.3295,
0.2831


 32.2334, 0.3380,
0.2647


 45.8261, 0.3221,
0.3015


 27.0818, 0.3476,
0.2471


 54.3785, 0.3158,
0.3194

 22.9445, 0.3583,
0.2310

 64.1696, 0.3105,
0.3364

 19.7523, 0.3698,
0.2177

 75.2467, 0.3060,
0.3523

 17.4268, 0.3818,
0.2081

 87.6546, 0.3022,
0.3671

■ 15.8775, 0.3939,
0.2031

■ 89.5463, 0.2990,
0.3632

■ 14.9926, 0.4058,
0.2029

■ 89.8679, 0.2958,
0.3567

■ 14.7184, 0.4110,
0.2038

■ 90.2005, 0.2927,
0.3503

■ 90.5443, 0.2896,
0.3440

Harmonies

Analogous

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



38.4606, 0.2878, 0.2656



38.4606, 0.3295, 0.2831



38.4606, 0.3688, 0.3112

Triad

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



38.4606, 0.3295, 0.2831



38.4606, 0.3708, 0.3990



38.4606, 0.2389, 0.3049

Complementary

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



38.4606, 0.3295, 0.2831



52.0323, 0.2993, 0.3798

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.



38.4606, 0.2583, 0.3448



38.4606, 0.3295, 0.2831



38.4606, 0.3337, 0.4026

Square

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



38.4606, 0.3295, 0.2831



38.4606, 0.3930, 0.3765



38.4606, 0.2925, 0.3824



38.4606, 0.2379, 0.2757

Rectangle

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



38.4606, 0.3295, 0.2831



38.4606, 0.3870, 0.3332



38.4606, 0.2925, 0.3824



38.4606, 0.2434, 0.3175

Sweetspot

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



38.4623, 0.3295, 0.2831



87.2946, 0.3173, 0.3149



34.5293, 0.2816, 0.2592



18.2058, 0.3182, 0.3122



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.



38.4623, 0.3295, 0.2831



58.1282, 0.3343, 0.2724



37.4508, 0.3549, 0.3147



11.3464, 0.3181, 0.3127



9.3863, 0.4094, 0.2029



0.4970, 0.3883, 0.1912

Inverse Universe

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



38.4623, 0.3295, 0.2831



58.1282, 0.3343, 0.2724



53.0719, 0.2825, 0.3439



11.3464, 0.3181, 0.3127



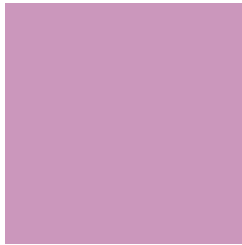
9.3863, 0.4094, 0.2029



0.4970, 0.3883, 0.1912

Previews

White Background



This preview shows how the Yxy color 38.4606, 0.3295, 0.2831 looks on a white background.

Color Contrast Check

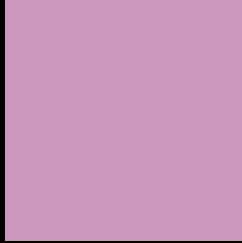
Large Text (above 18pt) WCAG AA × Fail

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 38.4606, 0.3295, 0.2831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

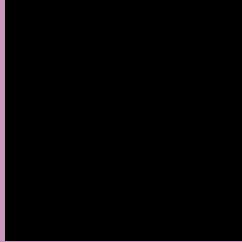
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4606, 0.3295, 0.2831

Background



This preview shows how black text looks on a background with the Yxy color 38.4606, 0.3295, 0.2831.



This preview shows how white text looks on a background with the Yxy color 38.4606, 0.3295, 0.2831.

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

38.4606, 0.3295, 0.2831

Protanopia

38.8807, 0.2833, 0.2867

Deuteranopia

38.3845, 0.3032, 0.2966



Tritanopia

38.5121, 0.3463, 0.3137

Trichromacy



Original Color

38.4606, 0.3295, 0.2831

Protanomaly

38.6149, 0.2984, 0.2853

Deuteranomaly

38.3559, 0.3126, 0.2910

Tritanomaly

38.6239, 0.3396, 0.3024

Monochromacy



Original Color

38.4606, 0.3295, 0.2831

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.7925, 0.3191, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4606, 0.3295, 0.2831 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(203, 151, 188)` looks like.

```
.text, #text, p{  
    color:rgb(203, 151, 188)  
}
```

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(203, 151, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 151, 188) }
```

Border

The CSS property to change the border of an element to Yxy 38.4606, 0.3295, 0.2831 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(203, 151, 188) }
```

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

```
.border{ border-color:rgb(203, 151, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 151, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 151, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 151, 188);  
box-shadow:4px 4px 4px 4px rgb(203, 151,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4606, 0.3295, 0.2831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 151, 188) }
```

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

```
.background{ background-color: rgb(203,  
151, 188) }
```

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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