

Converting Colors

$Y_{xy}(30.4176, 0.3494, 0.2831)$

Have a look what the booklet for
Yxy(30.4176, 0.3494, 0.2831)
contains.

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Color

Yxy(30.4176, 0.3494, 0.2831)

Conversions

Conversions Part 1

Format	Color
Hex	C482A5
RGB	196, 130, 165
RGB Percent	77%, 51%, 65%
CMY	0.2313, 0.4902, 0.3530
CMYK	0.00, 0.34, 0.16, 0.23
HSL	328°, 36%, 64%
HSV	328°, 34%, 77%
XYZ	37.5412, 30.4176, 39.4859
YIQ	153.7240, 28.1010, 24.8770

Conversions

Conversions Part 2

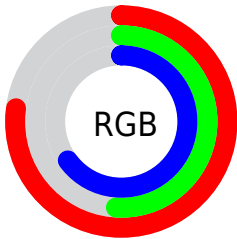
Format	Color
R _{YB}	196, 130, 165
Decimal	12878501
CIE Lab	62.01, 30.59, -8.12
CIE LCh	62, 31.650, 345.137
Yxy	30.4176, 0.3494, 0.2831
Android (android.graphics.Color)	4291068581 (0xFFC482A5)
YUV	153.7240, 5.5591, 37.0761
Hunter-Lab	55.1522, 24.9858, -3.8419

Details

The Yxy color **30.4176, 0.3494, 0.2831** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.8061, 0.2875, 0.3803**, and the grayscale version is **32.1543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5191, 0.3425, 0.2922**, and **12.4469, 0.3616, 0.2685** is the 20% darker color. If you saturate the color by 10%, you get **25.3684, 0.3649, 0.2694**, and if you desaturate by 10%, it is **36.4870, 0.3362, 0.2972**.

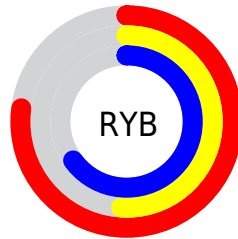
Distribution



Red (77%)

Green (51%)

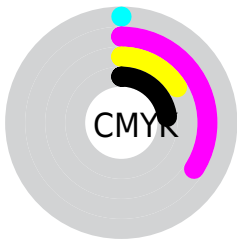
Blue (65%)



Red (77%)

Yellow (51%)

Blue (65%)

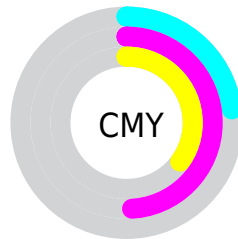


Cyan (0%)

Magenta (34%)

Yellow (16%)

Black (23%)



Cyan (23%)


Magenta (49%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4176, 0.3494, 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 30.4176, 0.3494, 0.2831 by changing the saturation by 10% instead.

 30.4176, 0.3494,
0.2831


 30.4176, 0.3494,
0.2831


303.8462, 0.3302,
0.3068

 20.1558, 0.3545,
0.2769


 60.3220, 0.3422,
0.2919

 12.5083, 0.3612,
0.2688


 80.7333, 0.3396,
0.2952

 7.0909, 0.3705,
0.2578


 105.2966, 0.3374,
0.2979

 3.5190, 0.3842,
0.2419

134.3962, 0.3355,
0.3002

 1.4083, 0.4062,
0.2171

168.4166, 0.3339,
0.3022

 0.2228, 0.4827,
0.1116

207.7421, 0.3325,

 0.0000, 0.0000,

0.3040

0.0000

252.7572, 0.3313,
0.3055

■ 30.4176, 0.3494,
0.2831

■ 30.4176, 0.3494,
0.2831

■ 25.3684, 0.3649,
0.2694

■ 36.4870, 0.3362,
0.2972

■ 21.2782, 0.3829,
0.2568

■ 43.6250, 0.3250,
0.3110

■ 18.0854, 0.4030,
0.2464


■ 51.8819, 0.3157,
0.3243


■ 15.7199, 0.4248,
0.2395

■ 61.3036, 0.3080,
0.3368

■ 14.1007, 0.4475,
0.2371

■ 71.9334, 0.3016,
0.3484


 13.1301, 0.4700,
0.2401

 83.8125, 0.2963,
0.3591

 12.7352, 0.4840,
0.2440

 88.9412, 0.2915,
0.3565

 89.4709, 0.2867,
0.3464

 90.0283, 0.2820,
0.3364

Harmonies

Analogous

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



30.4176, 0.2974, 0.2578



30.4176, 0.3494, 0.2831



30.4176, 0.3937, 0.3191

Triad

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



30.4176, 0.3494, 0.2831



30.4176, 0.3699, 0.4193



30.4176, 0.2208, 0.2855

Complementary

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



30.4176, 0.3494, 0.2831



46.8061, 0.2875, 0.3803

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.



30.4176, 0.2368, 0.3315



30.4176, 0.3494, 0.2831



30.4176, 0.3214, 0.4159

Square

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



30.4176, 0.3494, 0.2831



30.4176, 0.4047, 0.3963



30.4176, 0.2728, 0.3821



30.4176, 0.2267, 0.2566

Rectangle

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



30.4176, 0.3494, 0.2831



30.4176, 0.4107, 0.3459



30.4176, 0.2728, 0.3821



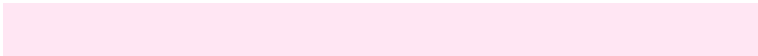
30.4176, 0.2237, 0.2993

Sweetspot

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



30.4190, 0.3494, 0.2831



84.0478, 0.3215, 0.3158



27.5081, 0.2812, 0.2373



17.5467, 0.3229, 0.3139



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.



30.4190, 0.3494, 0.2831



48.5508, 0.3599, 0.2735



29.3741, 0.3880, 0.3263



10.1651, 0.3208, 0.3169



8.1991, 0.4811, 0.2424



0.3681, 0.4360, 0.2175

Inverse Universe

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



30.4190, 0.3494, 0.2831



48.5508, 0.3599, 0.2735



48.1189, 0.2667, 0.3319



10.1651, 0.3208, 0.3169



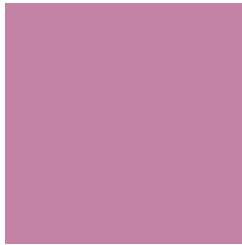
8.1991, 0.4811, 0.2424



0.3681, 0.4360, 0.2175

Previews

White Background



This preview shows how the Yxy color 30.4176, 0.3494, 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 30.4176, 0.3494, 0.2831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

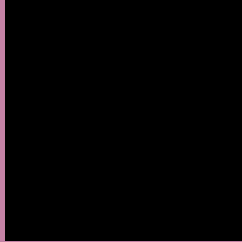
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4176, 0.3494, 0.2831

Background



This preview shows how black text looks on a background with the Yxy color 30.4176, 0.3494, 0.2831.



This preview shows how white text looks on a background with the Yxy color 30.4176, 0.3494, 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

30.4176, 0.3494, 0.2831

Protanopia

30.6890, 0.2838, 0.2869

Deuteranopia

30.5373, 0.3108, 0.3051



Tritanopia

30.5331, 0.3702, 0.3156

Trichromacy



Original Color

30.4176, 0.3494, 0.2831

Protanomaly

30.2556, 0.3056, 0.2842

Deuteranomaly

30.1712, 0.3238, 0.2961

Tritanomaly

30.6442, 0.3624, 0.3037

Monochromacy



Original Color

30.4176, 0.3494, 0.2831

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.1544, 0.3251, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4176, 0.3494, 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(196, 130, 165)` looks like.

```
.text, #text, p{  
    color:rgb(196, 130, 165)  
}
```

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(196, 130, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 130, 165) }
```

Border

The CSS property to change the border of an element to Yxy 30.4176, 0.3494, 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(196, 130, 165) }
```

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

```
.border{ border-color:rgb(196, 130, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 130, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 130, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 130, 165);  
box-shadow:4px 4px 4px 4px rgb(196, 130,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4176, 0.3494, 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(196, 130, 165) }
```

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

```
.background{ background-color: rgb(196,  
130, 165) }
```

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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