

Converting Colors

$Yxy(35.0418, 0.3170, 0.2860)$

Have a look what the booklet for
Yxy(35.0418, 0.3170, 0.2860)
contains.

Yxy(35.0214, 0.3177, 0.2863)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.0214, 0.3177, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	B895B5
RGB	184, 149, 181
RGB Percent	72%, 58%, 71%
CMY	0.2783, 0.4157, 0.2901
CMYK	0.00, 0.19, 0.02, 0.28
HSL	305°, 20%, 65%
HSV	305°, 19%, 72%
XYZ	38.8624, 35.0214, 48.4404
YIQ	163.1130, 10.5880, 17.3720

Conversions

Conversions Part 2

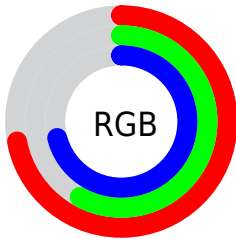
Format	Color
RYB	184, 149, 181
Decimal	12096949
CIELab	65.77, 18.67, -11.70
CIELCh	66, 22.036, 327.918
Yxy	35.0214, 0.3177, 0.2863
Android (android.graphics.Color)	4290287029 (0xFFB895B5)
YUV	163.1130, 8.8183, 18.3179
Hunter-Lab	59.1789, 13.6567, -7.1061

Details

The Yxy color **35.0214, 0.3177, 0.2863** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.9494, 0.3080, 0.3758**, and the grayscale version is **36.6381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3516, 0.3166, 0.2938**, and **15.1192, 0.3195, 0.2741** is the 20% darker color. If you saturate the color by 10%, you get **29.5886, 0.3207, 0.2635**, and if you desaturate by 10%, it is **41.3781, 0.3150, 0.3090**.

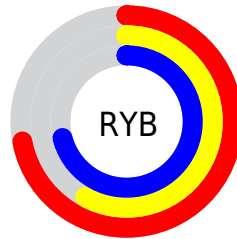
Distribution



Red (72%)

Green (58%)

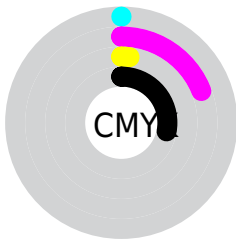
Blue (71%)



Red (72%)

Yellow (58%)

Blue (71%)

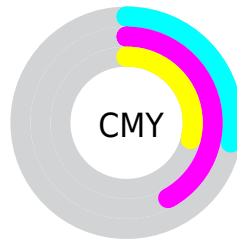


Cyan (0%)

Magenta (19%)

Yellow (2%)

Black (28%)



Cyan (28%)


Magenta (42%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.0214, 0.3177, 0.2863 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 35.0214, 0.3177, 0.2863 by changing the saturation by 10% instead.


 35.0214, 0.3177,
0.2863


 35.0214, 0.3177,
0.2863


324.6628, 0.3154,
0.3079

 23.6794, 0.3182,
0.2808


 67.5189, 0.3169,
0.2942

 15.0959, 0.3188,
0.2737


 89.4432, 0.3166,
0.2972

 8.8867, 0.3195,
0.2642


115.6637, 0.3163,
0.2997

 4.6674, 0.3204,
0.2507

146.5647, 0.3161,
0.3018

 2.0535, 0.3213,
0.2303

182.5308, 0.3159,
0.3037

 0.6383, 0.3236,
0.1908

223.9462, 0.3157,

 0.0000, 0.0321,

0.3053

0.0000

271.1954, 0.3155,
0.3067

0.0000, 0.0000,
0.0000

35.0214, 0.3177,
0.2863

35.0214, 0.3177,
0.2863

29.5886, 0.3207,
0.2635

41.3781, 0.3150,
0.3090

25.0320, 0.3240,
0.2413

48.6943, 0.3125,
0.3311

21.3065, 0.3274,
0.2206

57.0095, 0.3103,
0.3520

18.3613, 0.3308,
0.2023

66.3595, 0.3084,
0.3717

16.1400, 0.3343,
0.1874

76.7784, 0.3068,
0.3899

■ 14.5785, 0.3376,
0.1765

■ 85.4537, 0.3055,
0.4023

■ 13.6017, 0.3406,
0.1698

■ 85.5234, 0.3046,
0.4004

■ 13.0743, 0.3435,
0.1669

■ 85.5938, 0.3038,
0.3986

■ 13.0304, 0.3437,
0.1667

■ 85.6650, 0.3029,
0.3967

Harmonies

Analogous

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



35.0214, 0.2846, 0.2746



35.0214, 0.3177, 0.2863



35.0214, 0.3510, 0.3079

Triad

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



35.0214, 0.3177, 0.2863



35.0214, 0.3665, 0.3830



35.0214, 0.2547, 0.3177

Complementary

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



35.0214, 0.3177, 0.2863



42.9494, 0.3080, 0.3758

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.



35.0214, 0.2745, 0.3504



35.0214, 0.3177, 0.2863



35.0214, 0.3388, 0.3896

Square

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



35.0214, 0.3177, 0.2863



35.0214, 0.3799, 0.3624



35.0214, 0.3050, 0.3778



35.0214, 0.2497, 0.2907

Rectangle

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



35.0214, 0.3177, 0.2863



35.0214, 0.3683, 0.3258



35.0214, 0.3050, 0.3778



35.0214, 0.2597, 0.3285

Sweetspot

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



35.0229, 0.3177, 0.2863



78.6958, 0.3142, 0.3156



31.6202, 0.2843, 0.2781



16.7870, 0.3144, 0.3142



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.0229, 0.3177, 0.2863



58.9871, 0.3190, 0.2764



34.3513, 0.3346, 0.3091



9.1491, 0.3150, 0.3084



8.9822, 0.3434, 0.1665



0.3206, 0.3370, 0.1630

Inverse Universe

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



35.0229, 0.3177, 0.2863



58.9871, 0.3190, 0.2764



43.5633, 0.2951, 0.3498



9.1491, 0.3150, 0.3084



8.9822, 0.3434, 0.1665



0.3206, 0.3370, 0.1630

Previews

White Background



This preview shows how the Yxy color 35.0214, 0.3177, 0.2863 looks on a white background.

Color Contrast Check

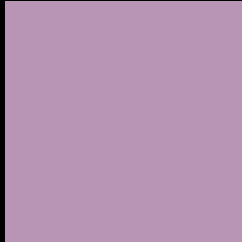
Large Text (above 18pt) WCAG AA × Fail

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 35.0214, 0.3177, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

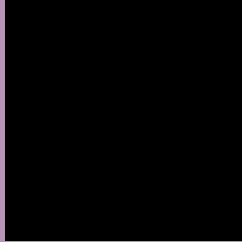
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0214, 0.3177, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 35.0214, 0.3177, 0.2863.



This preview shows how white text looks on a background with the Yxy color 35.0214, 0.3177, 0.2863.

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

35.0214, 0.3177, 0.2863

Protanopia

35.2542, 0.2845, 0.2891

Deuteranopia

35.1792, 0.3010, 0.2953



Tritanopia

35.0819, 0.3316, 0.3126

Trichromacy



Original Color

35.0214, 0.3177, 0.2863

Protanomaly

34.9448, 0.2958, 0.2872

Deuteranomaly

34.9620, 0.3077, 0.2918

Tritanomaly

35.1028, 0.3270, 0.3032

Monochromacy



Original Color

35.0214, 0.3177, 0.2863

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0139, 0.3145, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0214, 0.3177, 0.2863 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(184, 149, 181)` looks like.

```
.text, #text, p{  
    color:rgb(184, 149, 181)  
}
```

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(184, 149, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 149, 181) }
```

Border

The CSS property to change the border of an element to Yxy 35.0214, 0.3177, 0.2863 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(184, 149, 181) }
```

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

```
.border{ border-color:rgb(184, 149, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 149, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 149, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 149, 181);  
box-shadow:4px 4px 4px 4px rgb(184, 149,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0214, 0.3177, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 149, 181) }
```

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

```
.background{ background-color: rgb(184,  
149, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor