

Converting Colors

$Yxy(34.7554, 0.3209, 0.2807)$

Have a look what the booklet for
Yxy(34.7554, 0.3209, 0.2807)
contains.

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Color

Yxy(34.7955, 0.3210, 0.2806)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BD92B7 |
| RGB | 189, 146, 183 |
| RGB Percent | 74%, 57%, 72% |
| CMY | 0.2589, 0.4274, 0.2825 |
| CMYK | 0.00, 0.23, 0.03, 0.26 |
| HSL | 308°, 25%, 66% |
| HSV | 308°, 23%, 74% |
| XYZ | 39.8053, 34.7955, 49.4032 |
| YIQ | 163.0750, 13.7510, 20.6230 |

Conversions

Conversions Part 2

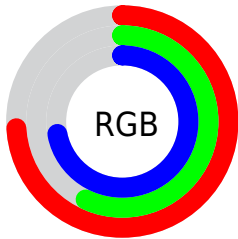
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 189, 146, 183 |
| Decimal | 12423863 |
| CIELab | 65.59, 22.41, -13.01 |
| CIELCh | 66, 25.912, 329.855 |
| Yxy | 34.7955, 0.3210, 0.2806 |
| Android (android.graphics.Color) | 4290613943 (0xFFBD92B7) |
| YUV | 163.0750, 9.8230, 22.7362 |
| Hunter-Lab | 58.9877, 17.2244, -8.3649 |

Details

The Yxy color **34.7955, 0.3210, 0.2806** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.7647, 0.3054, 0.3827**, and the grayscale version is **36.6107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1334, 0.3199, 0.2893**, and **14.9470, 0.3228, 0.2664** is the 20% darker color. If you saturate the color by 10%, you get **29.3347, 0.3254, 0.2590**, and if you desaturate by 10%, it is **41.2245, 0.3171, 0.3023**.

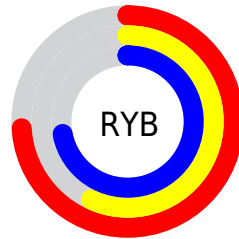
Distribution



Red (74%)

Green (57%)

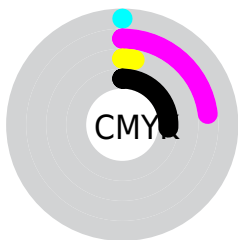
Blue (72%)



Red (74%)

Yellow (57%)

Blue (72%)

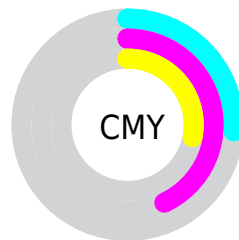


Cyan (0%)

Magenta (23%)

Yellow (3%)

Black (26%)



Cyan (26%)


Magenta (43%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7955, 0.3210, 0.2806 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 34.7955, 0.3210, 0.2806 by changing the saturation by 10% instead.


 34.7955, 0.3210,
0.2806


 34.7955, 0.3210,
0.2806


323.6648, 0.3171,
0.3050

 23.5054, 0.3219,
0.2744


 67.1688, 0.3196,
0.2895

 14.9671, 0.3230,
0.2665


 89.0209, 0.3191,
0.2929

 8.7963, 0.3244,
0.2559


115.1623, 0.3186,
0.2957

 4.6086, 0.3262,
0.2410

145.9776, 0.3182,
0.2981

 2.0195, 0.3284,
0.2187

181.8511, 0.3179,
0.3002

 0.6188, 0.3330,
0.1760

223.1672, 0.3176,

 0.0000, 0.1798,

0.3020

0.0000

270.3103, 0.3173,
0.3036

0.0000, 0.0000,
0.0000

34.7955, 0.3210,
0.2806

34.7955, 0.3210,
0.2806

29.3347, 0.3254,
0.2590

41.2245, 0.3171,
0.3023

24.7901, 0.3302,
0.2382

48.6611, 0.3136,
0.3234

21.1121, 0.3353,
0.2190

57.1482, 0.3106,
0.3436

18.2443, 0.3407,
0.2026

66.7247, 0.3080,
0.3625

16.1237, 0.3460,
0.1896

77.4278, 0.3057,
0.3801

■ 14.6781, 0.3513,
0.1809

■ 86.4504, 0.3039,
0.3920

■ 13.8208, 0.3563,
0.1766

■ 86.5740, 0.3025,
0.3889

■ 13.4447, 0.3597,
0.1755

■ 86.6997, 0.3011,
0.3858

■ 86.8275, 0.2996,
0.3828

Harmonies

Analogous

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



34.7955, 0.2818, 0.2661



34.7955, 0.3210, 0.2806



34.7955, 0.3601, 0.3061

Triad

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



34.7955, 0.3210, 0.2806



34.7955, 0.3741, 0.3934



34.7955, 0.2439, 0.3129

Complementary

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



34.7955, 0.3210, 0.2806



44.7647, 0.3054, 0.3827

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.



34.7955, 0.2658, 0.3518



34.7955, 0.3210, 0.2806



34.7955, 0.3405, 0.4007

Square

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



34.7955, 0.3210, 0.2806



34.7955, 0.3916, 0.3694



34.7955, 0.3008, 0.3855



34.7955, 0.2394, 0.2821

Rectangle

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



34.7955, 0.3210, 0.2806



34.7955, 0.3799, 0.3269



34.7955, 0.3008, 0.3855



34.7955, 0.2494, 0.3255

Sweetspot

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



34.7970, 0.3210, 0.2806



81.1139, 0.3151, 0.3142



30.8876, 0.2799, 0.2671



17.2711, 0.3153, 0.3130



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



34.7970, 0.3210, 0.2806



57.5291, 0.3230, 0.2704



33.9797, 0.3421, 0.3078



9.6727, 0.3158, 0.3095



9.0572, 0.3592, 0.1752



0.3612, 0.3487, 0.1695

Inverse Universe

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



34.7970, 0.3210, 0.2806



57.5291, 0.3230, 0.2704



45.5228, 0.2903, 0.3513



9.6727, 0.3158, 0.3095



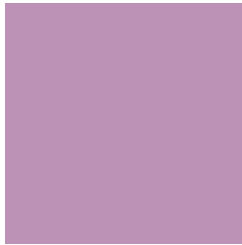
9.0572, 0.3592, 0.1752



0.3612, 0.3487, 0.1695

Previews

White Background



This preview shows how the Yxy color 34.7955, 0.3210, 0.2806 looks on a white background.

Color Contrast Check

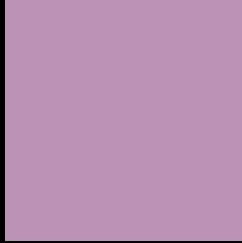
Large Text (above 18pt) WCAG AA × Fail

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 34.7955, 0.3210, 0.2806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

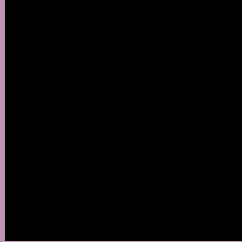
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7955, 0.3210, 0.2806

Background



This preview shows how black text looks on a background with the Yxy color 34.7955, 0.3210, 0.2806.



This preview shows how white text looks on a background with the Yxy color 34.7955, 0.3210, 0.2806.

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

34.7955, 0.3210, 0.2806

Protanopia

34.9876, 0.2805, 0.2822

Deuteranopia

34.7782, 0.2992, 0.2925



Tritanopia

34.8250, 0.3390, 0.3141

Trichromacy



Original Color

34.7955, 0.3210, 0.2806

Protanomaly

34.8490, 0.2942, 0.2820

Deuteranomaly

34.8325, 0.3069, 0.2879

Tritanomaly

34.9243, 0.3323, 0.3022

Monochromacy



Original Color

34.7955, 0.3210, 0.2806

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.7869, 0.3155, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7955, 0.3210, 0.2806 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(189, 146, 183)` looks like.

```
.text, #text, p{  
    color:rgb(189, 146, 183)  
}
```

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(189, 146, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 146, 183) }
```

Border

The CSS property to change the border of an element to Yxy 34.7955, 0.3210, 0.2806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

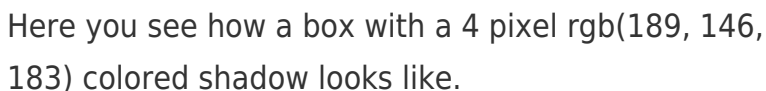
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 146, 183) }
```

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

```
.border{ border-color:rgb(189, 146, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 146, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 146, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 146, 183); box-shadow:4px 4px 4px 4px rgb(189, 146, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7955, 0.3210, 0.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 146, 183) }
```

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

```
.background{ background-color: rgb(189,  
146, 183) }
```

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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