

Converting Colors

Yxy(37.4530, 0.3199, 0.2795)

Have a look what the booklet for
Yxy(37.4530, 0.3199, 0.2795)
contains.

Yxy(37.4530, 0.3199, 0.2795)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.4530, 0.3199, 0.2795)

Conversions

Conversions Part 1

Format	Color
Hex	C397BE
RGB	195, 151, 190
RGB Percent	76%, 59%, 75%
CMY	0.2353, 0.4078, 0.2549
CMYK	0.00, 0.23, 0.03, 0.24
HSL	307°, 27%, 68%
HSV	307°, 23%, 76%
XYZ	42.8666, 37.4530, 53.6804
YIQ	168.6020, 13.7050, 21.4570

Conversions

Conversions Part 2

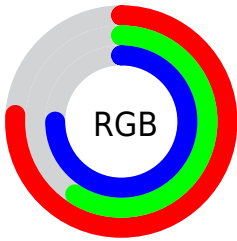
Format	Color
RYB	195, 151, 190
Decimal	12818366
CIELab	67.62, 23.03, -13.83
CIELCh	68, 26.863, 329.008
Yxy	37.4530, 0.3199, 0.2795
Android (android.graphics.Color)	4291008446 (0xFFC397BE)
YUV	168.6020, 10.5492, 23.1510
Hunter-Lab	61.1989, 17.9319, -9.1669

Details

The Yxy color **37.4530, 0.3199, 0.2795** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.0131, 0.3062, 0.3841**, and the grayscale version is **39.4123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4919, 0.3190, 0.2892**, and **16.5832, 0.3212, 0.2655** is the 20% darker color. If you saturate the color by 10%, you get **31.5919, 0.3237, 0.2573**, and if you desaturate by 10%, it is **44.3570, 0.3165, 0.3018**.

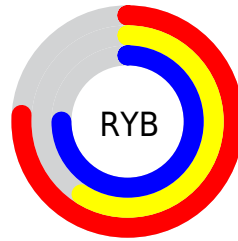
Distribution



Red (76%)

Green (59%)

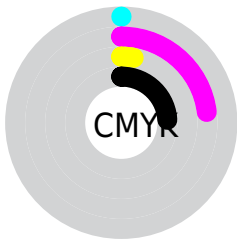
Blue (75%)



Red (76%)

Yellow (59%)

Blue (75%)

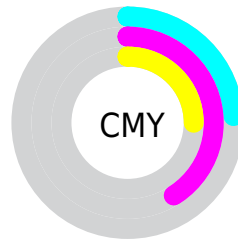


Cyan (0%)

Magenta (23%)

Yellow (3%)

Black (24%)



Cyan (24%)


Magenta (41%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4530, 0.3199, 0.2795 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 37.4530, 0.3199, 0.2795 by changing the saturation by 10% instead.


 37.4530, 0.3199,
0.2795


 37.4530, 0.3199,
0.2795


335.2676, 0.3166,
0.3042

 25.5584, 0.3206,
0.2734


 71.2690, 0.3188,
0.2884

 16.4936, 0.3215,
0.2656


 93.9591, 0.3183,
0.2918

 9.8741, 0.3226,
0.2552


121.0166, 0.3179,
0.2946

 5.3156, 0.3238,
0.2409

152.8258, 0.3176,
0.2971

 2.4336, 0.3252,
0.2198

189.7711, 0.3173,
0.2992

 0.8431, 0.3264,
0.1861

232.2369, 0.3171,

 0.0000, 0.3141,

0.3011

0.0000

280.6076, 0.3168,
0.3027

0.0000, 0.0000,
0.0000

37.4530, 0.3199,
0.2795

37.4530, 0.3199,
0.2795

31.5919, 0.3237,
0.2573

44.3570, 0.3165,
0.3018

26.7178, 0.3278,
0.2359

52.3465, 0.3134,
0.3236

22.7770, 0.3321,
0.2164

61.4676, 0.3108,
0.3444

19.7087, 0.3365,
0.1995

71.7626, 0.3084,
0.3639

17.4450, 0.3409,
0.1863

83.2712, 0.3065,
0.3821

■ 15.9079, 0.3452,
0.1773

■ 87.4499, 0.3050,
0.3861

■ 15.0038, 0.3492,
0.1726

■ 87.5568, 0.3038,
0.3836

■ 14.6119, 0.3520,
0.1713

■ 87.6652, 0.3026,
0.3811

■ 87.7752, 0.3014,
0.3785

Harmonies

Analogous

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



37.4530, 0.2805, 0.2653



37.4530, 0.3199, 0.2795



37.4530, 0.3597, 0.3050

Triad

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



37.4530, 0.3199, 0.2795



37.4530, 0.3755, 0.3936



37.4530, 0.2436, 0.3137

Complementary

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



37.4530, 0.3199, 0.2795



48.0131, 0.3062, 0.3841

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.



37.4530, 0.2661, 0.3531



37.4530, 0.3199, 0.2795



37.4530, 0.3419, 0.4017

Square

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



37.4530, 0.3199, 0.2795



37.4530, 0.3927, 0.3690



37.4530, 0.3017, 0.3870



37.4530, 0.2385, 0.2822

Rectangle

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



37.4530, 0.3199, 0.2795



37.4530, 0.3800, 0.3259



37.4530, 0.3017, 0.3870



37.4530, 0.2492, 0.3265

Sweetspot

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



37.4546, 0.3199, 0.2795



86.9990, 0.3148, 0.3138



33.0834, 0.2788, 0.2672



18.8582, 0.3150, 0.3124



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.



37.4546, 0.3199, 0.2795



61.7539, 0.3217, 0.2687



36.5870, 0.3404, 0.3061



10.2271, 0.3155, 0.3088



9.5043, 0.3515, 0.1710



0.4164, 0.3438, 0.1668

Inverse Universe

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



37.4546, 0.3199, 0.2795



61.7539, 0.3217, 0.2687



48.8027, 0.2914, 0.3532



10.2271, 0.3155, 0.3088



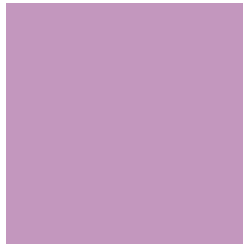
9.5043, 0.3515, 0.1710



0.4164, 0.3438, 0.1668

Previews

White Background



This preview shows how the Yxy color 37.4530, 0.3199, 0.2795 looks on a white background.

Color Contrast Check

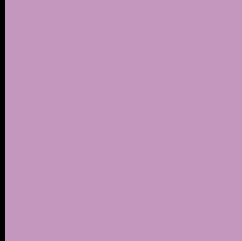
Large Text (above 18pt) WCAG AA × Fail

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 37.4530, 0.3199, 0.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

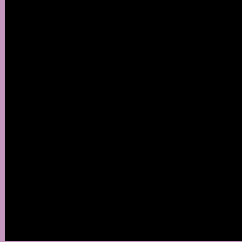
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4530, 0.3199, 0.2795

Background



This preview shows how black text looks on a background with the Yxy color 37.4530, 0.3199, 0.2795.



This preview shows how white text looks on a background with the Yxy color 37.4530, 0.3199, 0.2795.

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

37.4530, 0.3199, 0.2795

Protanopia

37.4397, 0.2790, 0.2808

Deuteranopia

37.6666, 0.2979, 0.2922



Tritanopia

37.4392, 0.3383, 0.3132

Trichromacy



Original Color

37.4530, 0.3199, 0.2795

Protanomaly

37.3943, 0.2931, 0.2807

Deuteranomaly

37.3718, 0.3053, 0.2865

Tritanomaly

37.5438, 0.3317, 0.3017

Monochromacy



Original Color

37.4530, 0.3199, 0.2795

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.4800, 0.3146, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4530, 0.3199, 0.2795 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(195, 151, 190)` looks like.

```
.text, #text, p{  
    color:rgb(195, 151, 190)  
}
```

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(195, 151, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 151, 190) }
```

Border

The CSS property to change the border of an element to Yxy 37.4530, 0.3199, 0.2795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

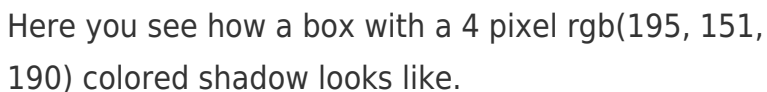
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 151, 190) }
```

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

```
.border{ border-color:rgb(195, 151, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 151, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 151, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 151, 190); box-shadow:4px 4px 4px 4px rgb(195, 151, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4530, 0.3199, 0.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 151, 190) }
```

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

```
.background{ background-color: rgb(195,  
151, 190) }
```

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