

Converting Colors

$Yxy(38.5615, 0.3117, 0.2545)$

Have a look what the booklet for
Yxy(38.5615, 0.3117, 0.2545)
contains.

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Color

Yxy(38.4997, 0.3115, 0.2539)

Conversions

Conversions Part 1

Format	Color
Hex	CD93D2
RGB	205, 147, 210
RGB Percent	80%, 58%, 82%
CMY	0.1962, 0.4234, 0.1766
CMYK	0.02, 0.30, 0.00, 0.18
HSL	295°, 41%, 70%
HSV	295°, 30%, 82%
XYZ	47.2338, 38.4997, 65.8998
YIQ	171.5240, 14.3450, 31.8890

Conversions

Conversions Part 2

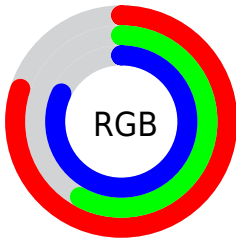
Format	Color
R _Y B	205, 147, 210
Decimal	13472722
CIE Lab	68.39, 32.30, -23.68
CIE LCh	68, 40.054, 323.757
Yxy	38.4997, 0.3115, 0.2539
Android (android.graphics.Color)	4291662802 (0xFFCD93D2)
YUV	171.5240, 18.9687, 29.3585
Hunter-Lab	62.0481, 27.2979, -19.5368

Details

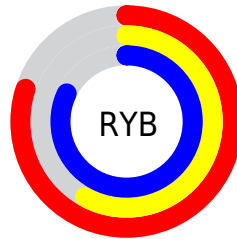
The Yxy color **38.4997, 0.3115, 0.2539** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.8690, 0.3122, 0.4152**, and the grayscale version is **40.8995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **17.0350, 0.3106, 0.2342** is the 20% darker color. If you saturate the color by 10%, you get **32.3184, 0.3106, 0.2292**, and if you desaturate by 10%, it is **45.8789, 0.3121, 0.2793**.

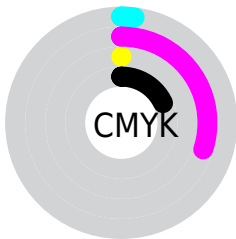
Distribution



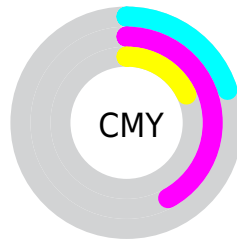
- Red (80%)
- Green (58%)
- Blue (82%)



- Red (80%)
- Yellow (58%)
- Blue (82%)



- Cyan (2%)
- Magenta (30%)
- Yellow (0%)
- Black (18%)




- Cyan (20%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.4997, 0.3115, 0.2539 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 38.4997, 0.3115, 0.2539 by changing the saturation by 10% instead.


 38.4997, 0.3115,
0.2539


 38.4997, 0.3115,
0.2539


339.7587, 0.3130,
0.2903

 26.3707, 0.3109,
0.2452


 72.8734, 0.3122,
0.2668

 17.1012, 0.3099,
0.2343


 95.8869, 0.3125,
0.2718

 10.3067, 0.3084,
0.2203


123.2975, 0.3126,
0.2760

 5.6028, 0.3059,
0.2015

155.4894, 0.3127,
0.2796

 2.6051, 0.3012,
0.1754

192.8471, 0.3128,
0.2828

 0.9292, 0.2916,
0.1373

235.7549, 0.3129,

 0.0000, 0.2852,


0.2856


0.0000


284.5973, 0.3130,
0.2880


 0.0000, 0.0000,
0.0000


 38.4997, 0.3115,
0.2539


 38.4997, 0.3115,
0.2539


 32.3184, 0.3106,
0.2292


 45.8789, 0.3121,
0.2793


 27.2649, 0.3095,
0.2061


 54.5108, 0.3125,
0.3046


 23.2699, 0.3081,
0.1857

 64.4532, 0.3127,
0.3290

 20.2542, 0.3065,
0.1688

 75.7585, 0.3128,
0.3523

 18.1276, 0.3047,
0.1561


 88.4765, 0.3127,
0.3740


 16.7829, 0.3028,
0.1478


 90.6188, 0.3136,
0.3768

 16.0247, 0.3008,
0.1431

 90.8733, 0.3146,
0.3766

 16.0234, 0.3008,
0.1431

 91.1303, 0.3157,
0.3765

 91.3899, 0.3167,
0.3763

Harmonies

Analogous

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



38.4997, 0.2566, 0.2370



38.4997, 0.3115, 0.2539



38.4997, 0.3722, 0.2867

Triad

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



38.4997, 0.3115, 0.2539



38.4997, 0.4100, 0.4163



38.4997, 0.2171, 0.3141

Complementary

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



38.4997, 0.3115, 0.2539



54.8690, 0.3122, 0.4152

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.



38.4997, 0.2519, 0.3752



38.4997, 0.3115, 0.2539



38.4997, 0.3630, 0.4376

Square

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



38.4997, 0.3115, 0.2539



38.4997, 0.4316, 0.3758



38.4997, 0.3049, 0.4241



38.4997, 0.2064, 0.2657

Rectangle

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



38.4997, 0.3115, 0.2539



38.4997, 0.4057, 0.3147



38.4997, 0.3049, 0.4241



38.4997, 0.2261, 0.3340

Sweetspot

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



38.5014, 0.3115, 0.2539



85.8764, 0.3125, 0.3068



33.4019, 0.2609, 0.2494



17.9267, 0.3125, 0.3031



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.



38.5014, 0.3115, 0.2539



53.3853, 0.3110, 0.2379



38.0237, 0.3411, 0.2842



11.9592, 0.3125, 0.3060



9.7968, 0.3011, 0.1433



0.5623, 0.3050, 0.1454

Inverse Universe

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



36.8418, 0.3740, 0.3229



50.4471, 0.3931, 0.3215



55.3149, 0.2920, 0.3787



11.8233, 0.3278, 0.3272



8.3879, 0.6306, 0.3247



0.4744, 0.6022, 0.3091

Previews

White Background



This preview shows how the Yxy color 38.4997, 0.3115, 0.2539 looks on a white background.

Color Contrast Check

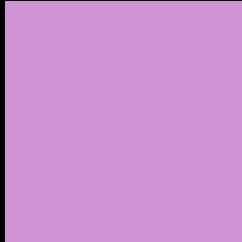
Large Text (above 18pt) WCAG AA × Fail

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 38.4997, 0.3115, 0.2539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

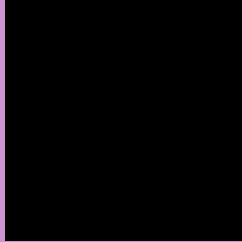
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4997, 0.3115, 0.2539

Background



This preview shows how black text looks on a background with the Yxy color 38.4997, 0.3115, 0.2539.



This preview shows how white text looks on a background with the Yxy color 38.4997, 0.3115, 0.2539.

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

38.4997, 0.3115, 0.2539

Protanopia

38.8173, 0.2574, 0.2528

Deuteranopia

38.8424, 0.2774, 0.2718



Tritanopia

38.3748, 0.3453, 0.3136

Trichromacy



Original Color

38.4997, 0.3115, 0.2539

Protanomaly

38.1736, 0.2754, 0.2522

Deuteranomaly

38.4728, 0.2888, 0.2647

Tritanomaly

38.2929, 0.3322, 0.2900

Monochromacy



Original Color

38.4997, 0.3115, 0.2539

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

39.9299, 0.3123, 0.2988

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4997, 0.3115, 0.2539 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(205, 147, 210)` looks like.

```
.text, #text, p{  
    color:rgb(205, 147, 210)  
}
```

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(205, 147, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 147, 210) }
```

Border

The CSS property to change the border of an element to Yxy 38.4997, 0.3115, 0.2539 is called "border". The border property can be set on classes, ids or directly on the HTML element.

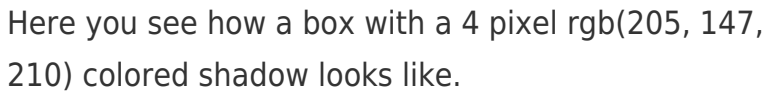
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 147, 210) }
```

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

```
.border{ border-color:rgb(205, 147, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 147, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 147, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 147, 210);  
box-shadow:4px 4px 4px 4px rgb(205, 147,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4997, 0.3115, 0.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 147, 210) }
```

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

```
.background{ background-color: rgb(205,  
147, 210) }
```

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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