

Converting Colors

$Y_{xy}(39.5549, 0.3306, 0.2688)$

Have a look what the booklet for
Yxy(39.5549, 0.3306, 0.2688)
contains.

Yxy(39.5995, 0.3300, 0.2688)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.5995, 0.3300, 0.2688)

Conversions

Conversions Part 1

Format	Color
Hex	D694C7
RGB	214, 148, 199
RGB Percent	84%, 58%, 78%
CMY	0.1610, 0.4195, 0.2197
CMYK	0.00, 0.31, 0.07, 0.16
HSL	314°, 45%, 71%
HSV	314°, 31%, 84%
XYZ	48.6155, 39.5995, 59.1046
YIQ	173.5480, 22.9650, 29.8530

Conversions

Conversions Part 2

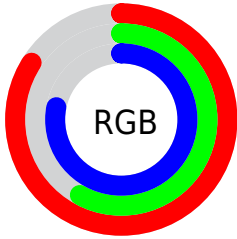
Format	Color
RYB	214, 148, 199
Decimal	14062791
CIELab	69.18, 32.70, -16.28
CIElCh	69, 36.526, 333.530
Yxy	39.5995, 0.3300, 0.2688
Android (android.graphics.Color)	4292252871 (0xFFD694C7)
YUV	173.5480, 12.5478, 35.4764
Hunter-Lab	62.9281, 27.7769, -11.6378

Details

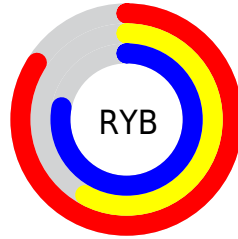
The Yxy color **39.5995, 0.3300, 0.2688** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.0058, 0.2992, 0.3979**, and the grayscale version is **42.0098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1919, 0.3151, 0.2782**, and **17.6792, 0.3340, 0.2524** is the 20% darker color. If you saturate the color by 10%, you get **33.2746, 0.3373, 0.2493**, and if you desaturate by 10%, it is **47.1755, 0.3235, 0.2887**.

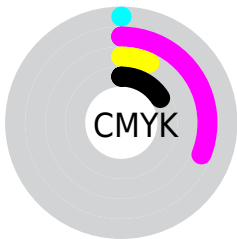
Distribution



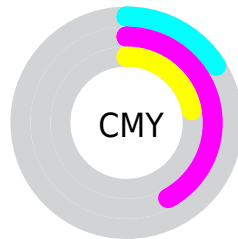
- Red (84%)
- Green (58%)
- Blue (78%)



- Red (84%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5995, 0.3300, 0.2688 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 39.5995, 0.3300, 0.2688 by changing the saturation by 10% instead.


 39.5995, 0.3300,
0.2688


 39.5995, 0.3300,
0.2688


344.4326, 0.3218,
0.2982

 27.2264, 0.3319,
0.2617


 74.5533, 0.3271,
0.2793

 17.7433, 0.3343,
0.2528


 97.9027, 0.3260,
0.2833

 10.7659, 0.3372,
0.2411


125.6798, 0.3251,
0.2867

 5.9096, 0.3411,
0.2253

158.2688, 0.3243,
0.2896

 2.7902, 0.3464,
0.2029

196.0542, 0.3235,
0.2922

 1.0232, 0.3535,
0.1688

239.4204, 0.3229,


 0.0000, 0.4061,

0.2944


0.0000


288.7517, 0.3223,
0.2964


 0.0000, 0.0000,
0.0000

 39.5995, 0.3300,
0.2688


 39.5995, 0.3300,
0.2688


 33.2746, 0.3373,
0.2493


 47.1755, 0.3235,
0.2887


 28.1271, 0.3453,
0.2312


 56.0606, 0.3179,
0.3085


 24.0836, 0.3539,
0.2154

 66.3155, 0.3131,
0.3275


 21.0603, 0.3630,
0.2030


 77.9955, 0.3089,
0.3455


 18.9614, 0.3721,
0.1948


 91.1486, 0.3055,
0.3624


 17.6728, 0.3810,
0.1913

 91.4147, 0.3028,
0.3572

 17.0180, 0.3889,
0.1916

 91.6883, 0.3001,
0.3520

 91.9695, 0.2974,
0.3468

 92.2585, 0.2948,
0.3417

Harmonies

Analogous

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



39.5995, 0.2768, 0.2480



39.5995, 0.3300, 0.2688



39.5995, 0.3824, 0.3028

Triad

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



39.5995, 0.3300, 0.2688



39.5995, 0.3895, 0.4174



39.5995, 0.2198, 0.2998

Complementary

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



39.5995, 0.3300, 0.2688



57.0058, 0.2992, 0.3979

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.



39.5995, 0.2451, 0.3528



39.5995, 0.3300, 0.2688



39.5995, 0.3422, 0.4265

Square

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



39.5995, 0.3300, 0.2688



39.5995, 0.4173, 0.3855



39.5995, 0.2893, 0.4026



39.5995, 0.2172, 0.2618

Rectangle

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



39.5995, 0.3300, 0.2688



39.5995, 0.4075, 0.3300



39.5995, 0.2893, 0.4026



39.5995, 0.2258, 0.3165

Sweetspot

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



39.6013, 0.3300, 0.2688



85.8905, 0.3170, 0.3118



33.7579, 0.2701, 0.2419



17.9303, 0.3178, 0.3089



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.



39.6013, 0.3300, 0.2688



52.5446, 0.3347, 0.2559



38.2577, 0.3623, 0.3062



12.5822, 0.3172, 0.3112



10.3093, 0.3877, 0.1910



0.6339, 0.3739, 0.1833

Inverse Universe

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



39.6013, 0.3300, 0.2688



52.5446, 0.3347, 0.2559



58.3140, 0.2795, 0.3533



12.5822, 0.3172, 0.3112



10.3093, 0.3877, 0.1910



0.6339, 0.3739, 0.1833

Previews

White Background



This preview shows how the Yxy color 39.5995, 0.3300, 0.2688 looks on a white background.

Color Contrast Check

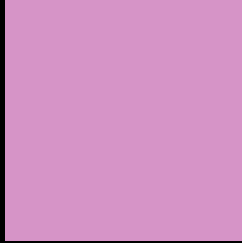
Large Text (above 18pt) WCAG AA × Fail

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 39.5995, 0.3300, 0.2688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

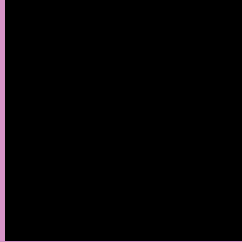
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5995, 0.3300, 0.2688

Background



This preview shows how black text looks on a background with the Yxy color 39.5995, 0.3300, 0.2688.



This preview shows how white text looks on a background with the Yxy color 39.5995, 0.3300, 0.2688.

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

39.5995, 0.3300, 0.2688

Protanopia

40.0278, 0.2703, 0.2706

Deuteranopia

39.7800, 0.2942, 0.2879



Tritanopia

39.5660, 0.3575, 0.3142

Trichromacy



Original Color

39.5995, 0.3300, 0.2688

Protanomaly

39.4597, 0.2897, 0.2698

Deuteranomaly

39.5189, 0.3067, 0.2805

Tritanomaly

39.5197, 0.3469, 0.2972

Monochromacy



Original Color

39.5995, 0.3300, 0.2688

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.1480, 0.3193, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5995, 0.3300, 0.2688 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(214, 148, 199)` looks like.

```
.text, #text, p{  
    color:rgb(214, 148, 199)  
}
```

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(214, 148, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 148, 199) }
```

Border

The CSS property to change the border of an element to Yxy 39.5995, 0.3300, 0.2688 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(214, 148, 199) }
```

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

```
.border{ border-color:rgb(214, 148, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 148, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 148, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 148, 199);  
box-shadow:4px 4px 4px 4px rgb(214, 148,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5995, 0.3300, 0.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 148, 199) }
```

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

```
.background{ background-color: rgb(214,  
148, 199) }
```

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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