

Converting Colors

$Y_{xy}(34.4935, 0.3598, 0.3015)$

Have a look what the booklet for
Yxy(34.4935, 0.3598, 0.3015)
contains.

Yxy(34.3439, 0.3601, 0.3011)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.3439, 0.3601, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	CD8CA2
RGB	205, 140, 162
RGB Percent	80%, 55%, 64%
CMY	0.1961, 0.4509, 0.3647
CMYK	0.00, 0.32, 0.21, 0.20
HSL	340°, 39%, 68%
HSV	340°, 32%, 80%
XYZ	41.0735, 34.3439, 38.6440
YIQ	161.9430, 31.6780, 20.6220

Conversions

Conversions Part 2

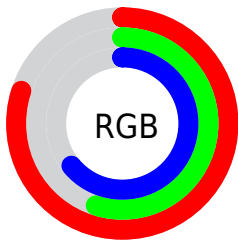
Format	Color
R _Y B	205, 140, 162
Decimal	13470882
CIE Lab	65.23, 27.87, -1.54
CIE LCh	65, 27.910, 356.831
Yxy	34.3439, 0.3601, 0.3011
Android (android.graphics.Color)	4291660962 (0xFFCD8CA2)
YUV	161.9430, 0.0281, 37.7610
Hunter-Lab	58.6037, 22.5488, 1.9260

Details

The Yxy color **34.3439, 0.3601, 0.3011** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.6524, 0.2809, 0.3591**, and the grayscale version is **36.0927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8533, 0.3442, 0.3056**, and **14.7546, 0.3769, 0.2932** is the 20% darker color. If you saturate the color by 10%, you get **28.4453, 0.3821, 0.2921**, and if you desaturate by 10%, it is **41.4136, 0.3418, 0.3103**.

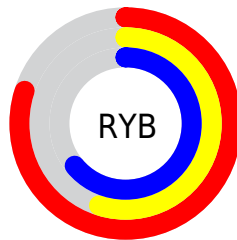
Distribution



Red (80%)

Green (55%)

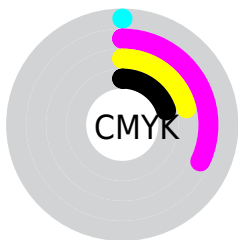
Blue (64%)



Red (80%)

Yellow (55%)

Blue (64%)

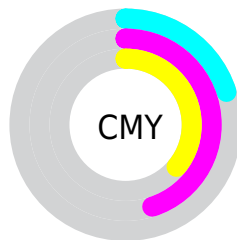


Cyan (0%)

Magenta (32%)

Yellow (21%)

Black (20%)



Cyan (20%)


Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3439, 0.3601, 0.3011 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 34.3439, 0.3601, 0.3011 by changing the saturation by 10% instead.


 34.3439, 0.3601,
0.3011


 34.3439, 0.3601,
0.3011


321.6628, 0.3353,
0.3156


 23.1579, 0.3667,
0.2973

 66.4681, 0.3508,
0.3065

 14.7102, 0.3754,
0.2923


 88.1751, 0.3474,
0.3085

 8.6162, 0.3874,
0.2853

 114.1579, 0.3445,
0.3102

 4.4917, 0.4050,
0.2753

144.8009, 0.3421,
0.3116

 1.9522, 0.4334,
0.2593

180.4885, 0.3401,
0.3128

 0.5795, 0.4954,
0.2218

221.6051, 0.3383,

 0.0000, 1.0000,

0.3139

0.0000

268.5351, 0.3367,
0.3148

0.0000, 0.0000,
0.0000

34.3439, 0.3601,
0.3011

34.3439, 0.3601,
0.3011

28.4453, 0.3821,
0.2921

41.4136, 0.3418,
0.3103

23.6494, 0.4082,
0.2839

49.7084, 0.3268,
0.3192

19.8877, 0.4382,
0.2775

59.2849, 0.3146,
0.3276

17.0824, 0.4714,
0.2741

70.1944, 0.3045,
0.3355

15.1444, 0.5059,
0.2748

82.4858, 0.2963,
0.3427

■ 13.9672, 0.5390,
0.2805

■ 90.9912, 0.2893,
0.3411

■ 13.4115, 0.5639,
0.2880

■ 91.7174, 0.2832,
0.3289

Harmonies

Analogous

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



34.3439, 0.3170, 0.2748



34.3439, 0.3601, 0.3011



34.3439, 0.3908, 0.3346

Triad

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



34.3439, 0.3601, 0.3011



34.3439, 0.3466, 0.4071



34.3439, 0.2335, 0.2808

Complementary

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



34.3439, 0.3601, 0.3011



52.6524, 0.2809, 0.3591

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.



34.3439, 0.2402, 0.3153



34.3439, 0.3601, 0.3011



34.3439, 0.3039, 0.3933

Square

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



34.3439, 0.3601, 0.3011



34.3439, 0.3818, 0.3964



34.3439, 0.2652, 0.3579



34.3439, 0.2459, 0.2621

Rectangle

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



34.3439, 0.3601, 0.3011



34.3439, 0.3989, 0.3579



34.3439, 0.2652, 0.3579



34.3439, 0.2336, 0.2908

Sweetspot

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



34.3455, 0.3601, 0.3011



83.7563, 0.3247, 0.3206



33.1419, 0.2946, 0.2456



17.4763, 0.3266, 0.3193



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.



34.3455, 0.3601, 0.3011



49.5043, 0.3746, 0.2949



36.6068, 0.3807, 0.3418



11.2753, 0.3238, 0.3212



8.3663, 0.5602, 0.2859



0.4457, 0.5048, 0.2554

Inverse Universe

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



34.3455, 0.3601, 0.3011



49.5043, 0.3746, 0.2949



49.1222, 0.2661, 0.3157



11.2753, 0.3238, 0.3212



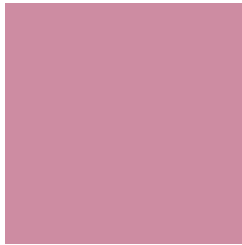
8.3663, 0.5602, 0.2859



0.4457, 0.5048, 0.2554

Previews

White Background



This preview shows how the Yxy color 34.3439, 0.3601, 0.3011 looks on a white background.

Color Contrast Check

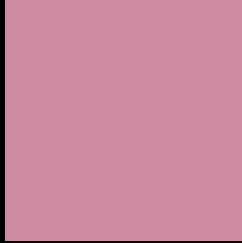
Large Text (above 18pt) WCAG AA × Fail

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 34.3439, 0.3601, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

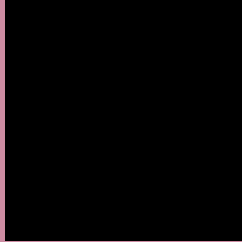
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3439, 0.3601, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 34.3439, 0.3601, 0.3011.



This preview shows how white text looks on a background with the Yxy color 34.3439, 0.3601, 0.3011.

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

34.3439, 0.3601, 0.3011

Protanopia

34.6389, 0.2986, 0.3072

Deuteranopia

34.6479, 0.3271, 0.3206



Tritanopia

34.4504, 0.3694, 0.3163

Trichromacy



Original Color

34.3439, 0.3601, 0.3011

Protanomaly

33.9965, 0.3189, 0.3038

Deuteranomaly

34.3824, 0.3382, 0.3127

Tritanomaly

34.2874, 0.3653, 0.3099

Monochromacy



Original Color

34.3439, 0.3601, 0.3011

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.1848, 0.3292, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3439, 0.3601, 0.3011 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, 140, 162)` looks like.

```
.text, #text, p{  
    color:rgb(205, 140, 162)  
}
```

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, 140, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 140, 162) }
```

Border

The CSS property to change the border of an element to Yxy 34.3439, 0.3601, 0.3011 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, 140, 162) }
```

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

```
.border{ border-color:rgb(205, 140, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 140, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 140, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 140, 162); box-shadow:4px 4px 4px 4px rgb(205, 140, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3439, 0.3601, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 140, 162) }
```

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

```
.background{ background-color: rgb(205,  
140, 162) }
```

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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