

Converting Colors

$Yxy(35.3217, 0.3488, 0.3075)$

Have a look what the booklet for
Yxy(35.3217, 0.3488, 0.3075)
contains.

Yxy(35.3821, 0.3490, 0.3082)	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(35.3821, 0.3490, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	C593A3
RGB	197, 147, 163
RGB Percent	77%, 58%, 64%
CMY	0.2275, 0.4235, 0.3609
CMYK	0.00, 0.25, 0.17, 0.23
HSL	341°, 30%, 67%
HSV	341°, 25%, 77%
XYZ	40.0660, 35.3821, 39.3543
YIQ	163.7740, 24.6640, 15.5760

Conversions

Conversions Part 2

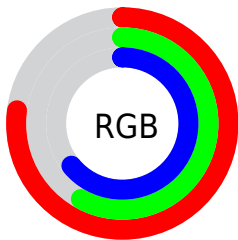
Format	Color
RYB	197, 147, 163
Decimal	12948387
CIELab	66.05, 21.26, -1.01
CIElCh	66, 21.282, 357.286
Yxy	35.3821, 0.3490, 0.3082
Android (android.graphics.Color)	4291138467 (0xFFC593A3)
YUV	163.7740, -0.3816, 29.1392
Hunter-Lab	59.4829, 16.1378, 2.4113

Details

The Yxy color **35.3821, 0.3490, 0.3082** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.4689, 0.2862, 0.3509**, and the grayscale version is **37.0045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9061, 0.3416, 0.3117**, and **15.2642, 0.3606, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **29.3169, 0.3691, 0.2996**, and if you desaturate by 10%, it is **42.5506, 0.3325, 0.3167**.

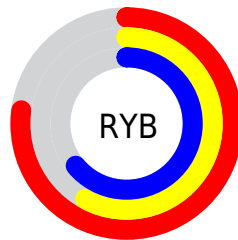
Distribution



Red (77%)

Green (58%)

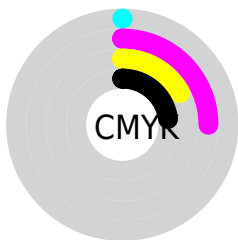
Blue (64%)



Red (77%)

Yellow (58%)

Blue (64%)

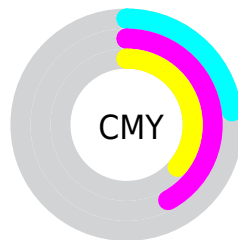


Cyan (0%)

Magenta (25%)

Yellow (17%)

Black (23%)



Cyan (23%)


Magenta (42%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3821, 0.3490, 0.3082 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 35.3821, 0.3490, 0.3082 by changing the saturation by 10% instead.


 35.3821, 0.3490,
0.3082


 35.3821, 0.3490,
0.3082


326.2517, 0.3301,
0.3190

 23.9574, 0.3540,
0.3054


 68.0773, 0.3419,
0.3122

 15.3020, 0.3606,
0.3016


 90.1165, 0.3393,
0.3137

 9.0316, 0.3697,
0.2965


116.4627, 0.3371,
0.3150

 4.7618, 0.3831,
0.2890

147.5002, 0.3353,
0.3160

 2.1082, 0.4045,
0.2770

183.6135, 0.3337,
0.3169

 0.6692, 0.4488,
0.2512

225.1869, 0.3323,

 0.0000, 1.0000,

0.3177

0.0000

272.6048, 0.3311,
0.3184

0.0000, 0.0000,
0.0000

35.3821, 0.3490,
0.3082

35.3821, 0.3490,
0.3082

29.3169, 0.3691,
0.2996

42.5506, 0.3325,
0.3167

24.2950, 0.3933,
0.2913

50.8685, 0.3189,
0.3249

20.2583, 0.4216,
0.2841

60.3856, 0.3079,
0.3324

17.1408, 0.4539,
0.2791

71.1468, 0.2989,
0.3394

14.8686, 0.4888,
0.2773

83.1952, 0.2915,
0.3459

■ 13.3558, 0.5241,
0.2800

■ 89.8854, 0.2848,
0.3412

■ 12.4978, 0.5565,
0.2874

■ 90.6087, 0.2789,
0.3289

■ 12.2265, 0.5704,
0.2916

Harmonies

Analogous

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



35.3821, 0.3168, 0.2874



35.3821, 0.3490, 0.3082



35.3821, 0.3717, 0.3344

Triad

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



35.3821, 0.3490, 0.3082



35.3821, 0.3385, 0.3873



35.3821, 0.2518, 0.2926

Complementary

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



35.3821, 0.3490, 0.3082



49.4689, 0.2862, 0.3509

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.



35.3821, 0.2570, 0.3189



35.3821, 0.3490, 0.3082



35.3821, 0.3060, 0.3763

Square

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



35.3821, 0.3490, 0.3082



35.3821, 0.3650, 0.3807



35.3821, 0.2764, 0.3503



35.3821, 0.2618, 0.2778

Rectangle

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



35.3821, 0.3490, 0.3082



35.3821, 0.3776, 0.3524



35.3821, 0.2764, 0.3503



35.3821, 0.2519, 0.3003

Sweetspot

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



35.3837, 0.3490, 0.3082



86.8056, 0.3224, 0.3227



34.6453, 0.2997, 0.2635



18.0827, 0.3244, 0.3214



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.



35.3837, 0.3490, 0.3082



57.6085, 0.3588, 0.3038



37.5327, 0.3631, 0.3401



10.6918, 0.3240, 0.3216



8.0566, 0.5670, 0.2897



0.3948, 0.5069, 0.2566

Inverse Universe

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



35.3837, 0.3490, 0.3082



57.6085, 0.3588, 0.3038



46.4837, 0.2749, 0.3175



10.6918, 0.3240, 0.3216



8.0566, 0.5670, 0.2897



0.3948, 0.5069, 0.2566

Previews

White Background



This preview shows how the Yxy color 35.3821, 0.3490, 0.3082 looks on a white background.

Color Contrast Check

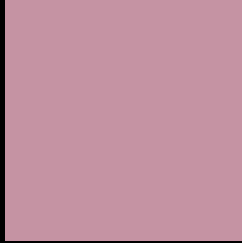
Large Text (above 18pt) WCAG AA × Fail

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 35.3821, 0.3490, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

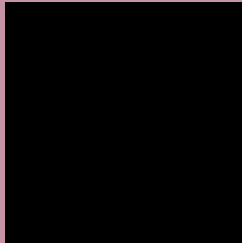
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3821, 0.3490, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 35.3821, 0.3490, 0.3082.



This preview shows how white text looks on a background with the Yxy color 35.3821, 0.3490, 0.3082.

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

35.3821, 0.3490, 0.3082

Protanopia

35.6590, 0.3040, 0.3132

Deuteranopia

35.5802, 0.3279, 0.3220



Tritanopia

35.5533, 0.3529, 0.3147

Trichromacy



Original Color

35.3821, 0.3490, 0.3082

Protanomaly

35.2685, 0.3195, 0.3109

Deuteranomaly

35.5814, 0.3355, 0.3168

Tritanomaly

35.5882, 0.3519, 0.3134

Monochromacy



Original Color

35.3821, 0.3490, 0.3082

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3642, 0.3248, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3821, 0.3490, 0.3082 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(197, 147, 163)` looks like.

```
.text, #text, p{  
    color:rgb(197, 147, 163)  
}
```

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(197, 147, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 147, 163) }
```

Border

The CSS property to change the border of an element to Yxy 35.3821, 0.3490, 0.3082 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(197, 147, 163) }
```

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

```
.border{ border-color:rgb(197, 147, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 147, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 147, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 147, 163);  
box-shadow:4px 4px 4px 4px rgb(197, 147,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3821, 0.3490, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 147, 163) }
```

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

```
.background{ background-color: rgb(197,  
147, 163) }
```

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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