

Converting Colors

$Yxy(38.6935, 0.3359, 0.3134)$

Have a look what the booklet for
Yxy(38.6935, 0.3359, 0.3134)
contains.

Yxy(38.6935, 0.3359, 0.3134)	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(38.6935, 0.3359, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	C19EAA
RGB	193, 158, 170
RGB Percent	76%, 62%, 67%
CMY	0.2432, 0.3804, 0.3334
CMYK	0.00, 0.18, 0.12, 0.24
HSL	339°, 22%, 69%
HSV	339°, 18%, 76%
XYZ	41.4714, 38.6935, 43.2987
YIQ	169.8330, 17.0080, 11.1520

Conversions

Conversions Part 2

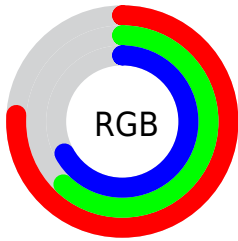
Format	Color
RYB	193, 158, 170
Decimal	12689066
CIELab	68.53, 14.89, -1.33
CIELCh	69, 14.946, 354.877
Yxy	38.6935, 0.3359, 0.3134
Android (android.graphics.Color)	4290879146 (0xFFC19EAA)
YUV	169.8330, 0.0823, 20.3175
Hunter-Lab	62.2041, 10.1487, 2.2726

Details

The Yxy color **38.6935, 0.3359, 0.3134** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7450, 0.2940, 0.3452**, and the grayscale version is **40.1042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3487, 0.3318, 0.3168**, and **17.3124, 0.3427, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **32.1620, 0.3527, 0.3042**, and if you desaturate by 10%, it is **46.3088, 0.3221, 0.3222**.

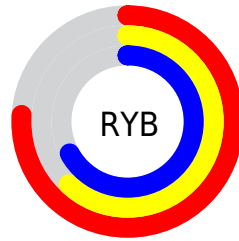
Distribution



Red (76%)

Green (62%)

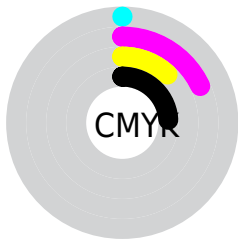
Blue (67%)



Red (76%)

Yellow (62%)

Blue (67%)

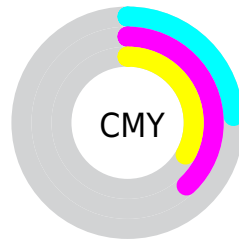


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6935, 0.3359, 0.3134 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 38.6935, 0.3359, 0.3134 by changing the saturation by 10% instead.


 38.6935, 0.3359,
0.3134


 38.6935, 0.3359,
0.3134


340.5856, 0.3240,
0.3214

 26.5214, 0.3390,
0.3113


 73.1699, 0.3315,
0.3164

 17.2141, 0.3430,
0.3087


 96.2429, 0.3299,
0.3174

 10.3872, 0.3485,
0.3050


123.7183, 0.3285,
0.3184

 5.6565, 0.3565,
0.2998

155.9806, 0.3273,
0.3192

 2.6373, 0.3690,
0.2916

193.4140, 0.3263,
0.3198

 0.9455, 0.3913,
0.2773

236.4031, 0.3254,

 0.0000, 1.0000,

0.3204

0.0000

285.3322, 0.3247,
0.3209

0.0000, 0.0000,
0.0000

38.6935, 0.3359,
0.3134

38.6935, 0.3359,
0.3134

32.1620, 0.3527,
0.3042

46.3088, 0.3221,
0.3222

26.6597, 0.3731,
0.2950

55.0490, 0.3108,
0.3305

22.1350, 0.3974,
0.2864

64.9594, 0.3015,
0.3382

18.5298, 0.4257,
0.2791

76.0811, 0.2939,
0.3452

15.7797, 0.4575,
0.2744

88.4533, 0.2877,
0.3517

■ 13.8118, 0.4914,
0.2733

■ 89.5213, 0.2812,
0.3383

■ 12.5412, 0.5251,
0.2769

■ 90.0767, 0.2768,
0.3289

■ 11.8370, 0.5560,
0.2851

■ 11.7299, 0.5616,
0.2867

Harmonies

Analogous

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



38.6935, 0.3139, 0.2992



38.6935, 0.3359, 0.3134



38.6935, 0.3518, 0.3317

Triad

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



38.6935, 0.3359, 0.3134



38.6935, 0.3323, 0.3684



38.6935, 0.2705, 0.3057

Complementary

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



38.6935, 0.3359, 0.3134



48.7450, 0.2940, 0.3452

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.



38.6935, 0.2750, 0.3242



38.6935, 0.3359, 0.3134



38.6935, 0.3103, 0.3616

Square

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



38.6935, 0.3359, 0.3134



38.6935, 0.3496, 0.3638



38.6935, 0.2894, 0.3451



38.6935, 0.2767, 0.2943

Rectangle

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



38.6935, 0.3359, 0.3134



38.6935, 0.3566, 0.3442



38.6935, 0.2894, 0.3451



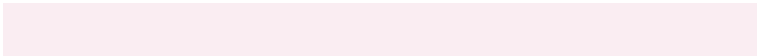
38.6935, 0.2708, 0.3113

Sweetspot

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



38.6952, 0.3359, 0.3134



87.5001, 0.3184, 0.3248



38.1009, 0.3035, 0.2831



18.5411, 0.3192, 0.3242



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.6952, 0.3359, 0.3134



64.1415, 0.3426, 0.3096



40.0918, 0.3462, 0.3360



10.1335, 0.3236, 0.3212



7.8159, 0.5582, 0.2849



0.3508, 0.4949, 0.2500

Inverse Universe

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



38.6952, 0.3359, 0.3134



64.1415, 0.3426, 0.3096



46.9784, 0.2854, 0.3219



10.1335, 0.3236, 0.3212



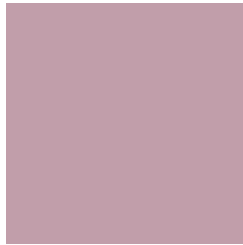
7.8159, 0.5582, 0.2849



0.3508, 0.4949, 0.2500

Previews

White Background



This preview shows how the Yxy color 38.6935, 0.3359, 0.3134 looks on a white background.

Color Contrast Check

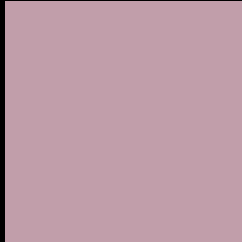
Large Text (above 18pt) WCAG AA × Fail

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 38.6935, 0.3359, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

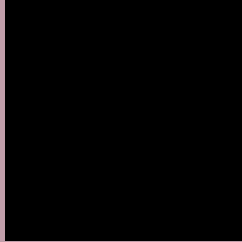
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6935, 0.3359, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 38.6935, 0.3359, 0.3134.



This preview shows how white text looks on a background with the Yxy color 38.6935, 0.3359, 0.3134.

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

38.6935, 0.3359, 0.3134

Protanopia

38.6924, 0.3069, 0.3165

Deuteranopia

38.7725, 0.3265, 0.3196



Tritanopia

38.6935, 0.3359, 0.3134

Trichromacy



Original Color

38.6935, 0.3359, 0.3134

Protanomaly

38.5586, 0.3171, 0.3154

Deuteranomaly

38.9191, 0.3305, 0.3184

Tritanomaly

38.6935, 0.3359, 0.3134

Monochromacy



Original Color

38.6935, 0.3359, 0.3134

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6397, 0.3204, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6935, 0.3359, 0.3134 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(193, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(193, 158, 170)  
}
```

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(193, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 158, 170) }
```

Border

The CSS property to change the border of an element to Yxy 38.6935, 0.3359, 0.3134 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(193, 158, 170) }
```

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

```
.border{ border-color:rgb(193, 158, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 158, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(193, 158,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6935, 0.3359, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 158, 170) }
```

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

```
.background{ background-color: rgb(193,  
158, 170) }
```

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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