

Converting Colors

$Yxy(38.7167, 0.3360, 0.3099)$

Have a look what the booklet for
Yxy(38.7167, 0.3360, 0.3099)
contains.

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Color

Yxy(38.6946, 0.3361, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	C39DAC
RGB	195, 157, 172
RGB Percent	76%, 62%, 67%
CMY	0.2353, 0.3843, 0.3255
CMYK	0.00, 0.19, 0.12, 0.24
HSL	336°, 24%, 69%
HSV	336°, 19%, 76%
XYZ	42.0066, 38.6946, 44.2813
YIQ	170.0720, 17.8330, 12.7210

Conversions

Conversions Part 2

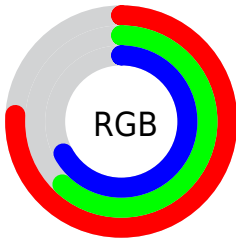
Format	Color
R _Y B	195, 157, 172
Decimal	12819884
CIE Lab	68.53, 16.51, -2.44
CIE LCh	69, 16.686, 351.600
Yxy	38.6946, 0.3361, 0.3096
Android (android.graphics.Color)	4291009964 (0xFFC39DAC)
YUV	170.0720, 0.9505, 21.8619
Hunter-Lab	62.2050, 11.6812, 1.3372

Details

The Yxy color **38.6946, 0.3361, 0.3096** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.4907, 0.2940, 0.3493**, and the grayscale version is **40.2251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3285, 0.3320, 0.3139**, and **17.3269, 0.3430, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **32.1823, 0.3520, 0.2990**, and if you desaturate by 10%, it is **46.3036, 0.3230, 0.3198**.

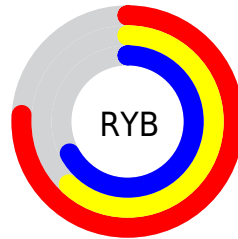
Distribution



Red (76%)

Green (62%)

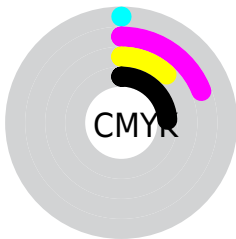
Blue (67%)



Red (76%)

Yellow (62%)

Blue (67%)

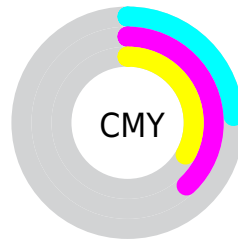


Cyan (0%)

Magenta (19%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6946, 0.3361, 0.3096 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 38.6946, 0.3361, 0.3096 by changing the saturation by 10% instead.


 38.6946, 0.3361,
0.3096


 38.6946, 0.3361,
0.3096


340.5903, 0.3241,
0.3195

 26.5222, 0.3392,
0.3071


 73.1715, 0.3317,
0.3132

 17.2147, 0.3432,
0.3038


 96.2449, 0.3300,
0.3146

 10.3877, 0.3487,
0.2993

123.7207, 0.3286,
0.3157

 5.6568, 0.3567,
0.2930

155.9834, 0.3275,
0.3167

 2.6375, 0.3690,
0.2832

193.4172, 0.3265,
0.3175

 0.9456, 0.3909,
0.2662

236.4068, 0.3256,

 0.0000, 1.0000,

0.3183

0.0000

285.3363, 0.3248,
0.3189

0.0000, 0.0000,
0.0000

38.6946, 0.3361,
0.3096

38.6946, 0.3361,
0.3096

32.1823, 0.3520,
0.2990

46.3036, 0.3230,
0.3198

26.7106, 0.3711,
0.2885

55.0517, 0.3122,
0.3295

22.2264, 0.3937,
0.2786

64.9853, 0.3034,
0.3385

18.6695, 0.4198,
0.2703

76.1468, 0.2961,
0.3467

15.9734, 0.4489,
0.2648

88.5762, 0.2901,
0.3543

■ 14.0622, 0.4798,
0.2633

■ 89.5817, 0.2840,
0.3419

■ 12.8468, 0.5106,
0.2669

■ 90.3174, 0.2780,
0.3293

■ 12.1665, 0.5395,
0.2749

■ 90.3409, 0.2778,
0.3289

■ 12.1357, 0.5410,
0.2754

Harmonies

Analogous

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



38.6946, 0.3112, 0.2946



38.6946, 0.3361, 0.3096



38.6946, 0.3550, 0.3296

Triad

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



38.6946, 0.3361, 0.3096



38.6946, 0.3370, 0.3731



38.6946, 0.2657, 0.3048

Complementary

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



38.6946, 0.3361, 0.3096



49.4907, 0.2940, 0.3493

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.



38.6946, 0.2720, 0.3261



38.6946, 0.3361, 0.3096



38.6946, 0.3126, 0.3671

Square

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



38.6946, 0.3361, 0.3096



38.6946, 0.3553, 0.3665



38.6946, 0.2890, 0.3494



38.6946, 0.2713, 0.2912

Rectangle

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



38.6946, 0.3361, 0.3096



38.6946, 0.3613, 0.3436



38.6946, 0.2890, 0.3494



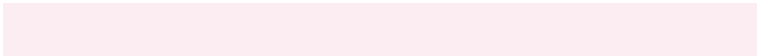
38.6946, 0.2665, 0.3113

Sweetspot

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



38.6963, 0.3361, 0.3096



88.0115, 0.3191, 0.3232



37.7359, 0.3009, 0.2791



19.0508, 0.3198, 0.3225



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.



38.6963, 0.3361, 0.3096



64.5605, 0.3419, 0.3055



39.4580, 0.3497, 0.3341



10.1422, 0.3228, 0.3199



7.9039, 0.5375, 0.2734



0.3551, 0.4781, 0.2407

Inverse Universe

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



38.6963, 0.3361, 0.3096



64.5605, 0.3419, 0.3055



48.4545, 0.2836, 0.3238



10.1422, 0.3228, 0.3199



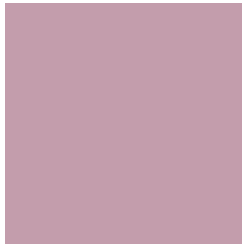
7.9039, 0.5375, 0.2734



0.3551, 0.4781, 0.2407

Previews

White Background



This preview shows how the Yxy color 38.6946, 0.3361, 0.3096 looks on a white background.

Color Contrast Check

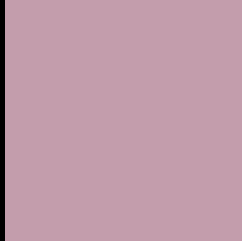
Large Text (above 18pt) WCAG AA × Fail

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 38.6946, 0.3361, 0.3096 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 38.6946, 0.3361, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 38.6946, 0.3361, 0.3096.



This preview shows how white text looks on a background with the Yxy color 38.6946, 0.3361, 0.3096.

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

38.6946, 0.3361, 0.3096

Protanopia

38.7023, 0.3035, 0.3123

Deuteranopia

38.7260, 0.3237, 0.3169



Tritanopia

38.6183, 0.3380, 0.3122

Trichromacy



Original Color

38.6946, 0.3361, 0.3096

Protanomaly

38.6761, 0.3145, 0.3113

Deuteranomaly

38.6467, 0.3288, 0.3144

Tritanomaly

38.6563, 0.3371, 0.3109

Monochromacy



Original Color

38.6946, 0.3361, 0.3096

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.4342, 0.3206, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6946, 0.3361, 0.3096 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(195, 157, 172)` looks like.

```
.text, #text, p{  
    color:rgb(195, 157, 172)  
}
```

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(195, 157, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 157, 172) }
```

Border

The CSS property to change the border of an element to Yxy 38.6946, 0.3361, 0.3096 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(195, 157, 172) }
```

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

```
.border{ border-color:rgb(195, 157, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 157, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 157, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 157, 172);  
box-shadow:4px 4px 4px 4px rgb(195, 157,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6946, 0.3361, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 157, 172) }
```

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

```
.background{ background-color: rgb(195,  
157, 172) }
```

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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