

Converting Colors

$Yxy(38.6840, 0.3629, 0.3375)$

Have a look what the booklet for
Yxy(38.6840, 0.3629, 0.3375)
contains.

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Color

Yxy(38.7658, 0.3627, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	C99D97
RGB	201, 157, 151
RGB Percent	79%, 62%, 59%
CMY	0.2117, 0.3843, 0.4078
CMYK	0.00, 0.22, 0.25, 0.21
HSL	7°, 32%, 69%
HSV	7°, 25%, 79%
XYZ	41.7345, 38.7658, 34.5659
YIQ	169.4720, 28.1500, 7.4620

Conversions

Conversions Part 2

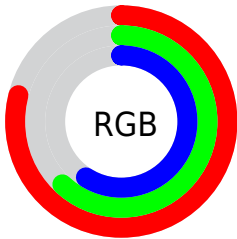
Format	Color
R _Y B	201, 158, 151
Decimal	13213079
CIE Lab	68.58, 15.46, 9.39
CIE LCh	69, 18.090, 31.287
Yxy	38.7658, 0.3627, 0.3369
Android (android.graphics.Color)	4291403159 (0xFFC99D97)
YUV	169.4720, -9.1067, 27.6501
Hunter-Lab	62.2622, 10.6902, 10.6677

Details

The Yxy color **38.7658, 0.3627, 0.3369** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.8437, 0.2758, 0.3209**, and the grayscale version is **39.9596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7547, 0.3504, 0.3363**, and **17.3392, 0.3783, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **32.6087, 0.3909, 0.3403**, and if you desaturate by 10%, it is **45.9052, 0.3395, 0.3336**.

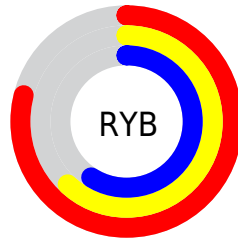
Distribution



Red (79%)

Green (62%)

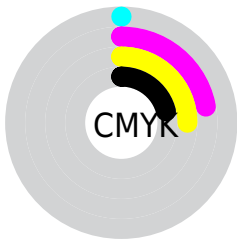
Blue (59%)



Red (79%)

Yellow (62%)

Blue (59%)

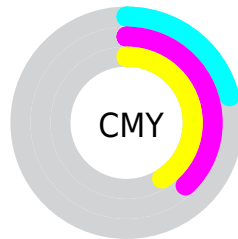


Cyan (0%)

Magenta (22%)

Yellow (25%)

Black (21%)



Cyan (21%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7658, 0.3627, 0.3369 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 38.7658, 0.3627, 0.3369 by changing the saturation by 10% instead.

 38.7658, 0.3627,
0.3369


 38.7658, 0.3627,
0.3369


340.8937, 0.3367,
0.3333

 26.5776, 0.3695,
0.3377


 73.2804, 0.3530,
0.3357

 17.2562, 0.3784,
0.3386


 96.3756, 0.3495,
0.3352

 10.4173, 0.3907,
0.3396


123.8752, 0.3465,
0.3348

 5.6765, 0.4084,
0.3407

156.1637, 0.3439,
0.3344

 2.6494, 0.4363,
0.3414

193.6253, 0.3418,
0.3341

 0.9516, 0.5059,
0.3537

236.6447, 0.3399,


 0.0000, 1.0000,

0.3338

0.0000


285.6060, 0.3382,
0.3335


 0.0000, 0.0000,
0.0000


 38.7658, 0.3627,
0.3369


 38.7658, 0.3627,
0.3369


 32.6087, 0.3909,
0.3403


 45.9052, 0.3395,
0.3336


 27.3856, 0.4247,
0.3435


 54.0615, 0.3206,
0.3304


 23.0524, 0.4640,
0.3461

 63.2744, 0.3052,
0.3275

 19.5593, 0.5074,
0.3475

 73.5799, 0.2926,
0.3249

 16.8516, 0.5516,
0.3471

 85.0122, 0.2822,
0.3225

■ 14.8677, 0.5911,
0.3445

■ 91.1600, 0.2811,
0.3289

■ 13.5371, 0.6199,
0.3398

■ 13.0756, 0.6305,
0.3376

Harmonies

Analogous

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



38.7658, 0.3457, 0.3146



38.7658, 0.3627, 0.3369



38.7658, 0.3655, 0.3583

Triad

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



38.7658, 0.3627, 0.3369



38.7658, 0.3038, 0.3653



38.7658, 0.2725, 0.2857

Complementary

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



38.7658, 0.3627, 0.3369



49.8437, 0.2758, 0.3209

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.



38.7658, 0.2625, 0.2969



38.7658, 0.3627, 0.3369



38.7658, 0.2800, 0.3432

Square

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



38.7658, 0.3627, 0.3369



38.7658, 0.3308, 0.3764



38.7658, 0.2651, 0.3177



38.7658, 0.2932, 0.2858

Rectangle

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



38.7658, 0.3627, 0.3369



38.7658, 0.3590, 0.3693



38.7658, 0.2651, 0.3177



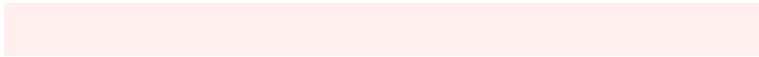
38.7658, 0.2678, 0.2882

Sweetspot

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



38.7676, 0.3627, 0.3369



89.2839, 0.3245, 0.3311



38.5057, 0.3209, 0.2744



18.9218, 0.3256, 0.3313



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.



38.7676, 0.3627, 0.3369



60.3136, 0.3777, 0.3388



48.0489, 0.3553, 0.3681



10.8380, 0.3287, 0.3318



8.2916, 0.6289, 0.3389



0.4624, 0.5988, 0.3627

Inverse Universe

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



49.8437, 0.2758, 0.3209



82.5616, 0.2682, 0.3189



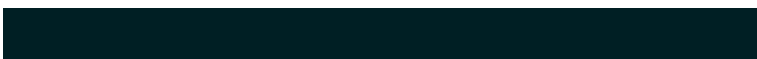
39.6159, 0.2728, 0.2865



11.8425, 0.2984, 0.3262



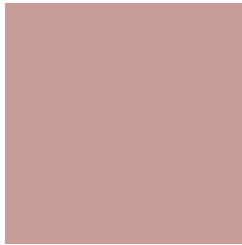
22.4981, 0.2142, 0.2912



1.1280, 0.2166, 0.2998

Previews

White Background



This preview shows how the Yxy color 38.7658, 0.3627, 0.3369 looks on a white background.

Color Contrast Check

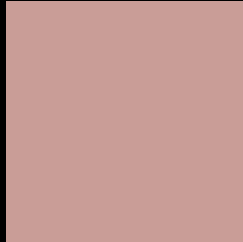
Large Text (above 18pt) WCAG AA × Fail

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 38.7658, 0.3627, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

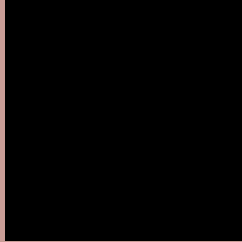
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7658, 0.3627, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 38.7658, 0.3627, 0.3369.



This preview shows how white text looks on a background with the Yxy color 38.7658, 0.3627, 0.3369.

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

38.7658, 0.3627, 0.3369

Protanopia

38.9220, 0.3279, 0.3445

Deuteranopia

38.6389, 0.3514, 0.3439



Tritanopia

38.9292, 0.3493, 0.3138

Trichromacy



Original Color

38.7658, 0.3627, 0.3369

Protanomaly

38.5948, 0.3402, 0.3414

Deuteranomaly

38.8130, 0.3557, 0.3424

Tritanomaly

38.9067, 0.3540, 0.3227

Monochromacy



Original Color

38.7658, 0.3627, 0.3369

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3427, 0.3305, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7658, 0.3627, 0.3369 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(201, 157, 151)` looks like.

```
.text, #text, p{  
    color:rgb(201, 157, 151)  
}
```

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(201, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 157, 151) }
```

Border

The CSS property to change the border of an element to Yxy 38.7658, 0.3627, 0.3369 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(201, 157, 151) }
```

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

```
.border{ border-color:rgb(201, 157, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 157, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 157, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 157, 151);  
box-shadow:4px 4px 4px 4px rgb(201, 157,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7658, 0.3627, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 157, 151) }
```

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

```
.background{ background-color: rgb(201,  
157, 151) }
```

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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