

Converting Colors

Yxy(38.7318, 0.3869, 0.3424)

Have a look what the booklet for
Yxy(38.7318, 0.3869, 0.3424)
contains.

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Color

Yxy(38.7056, 0.3870, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	D6988E
RGB	214, 152, 142
RGB Percent	84%, 60%, 56%
CMY	0.1607, 0.4040, 0.4431
CMYK	0.00, 0.29, 0.34, 0.16
HSL	8°, 47%, 70%
HSV	8°, 34%, 84%
XYZ	43.8497, 38.7056, 30.7515
YIQ	169.3980, 40.1620, 10.0340

Conversions

Conversions Part 2

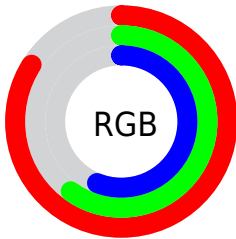
Format	Color
R _Y B	214, 154, 142
Decimal	14063758
CIE Lab	68.54, 21.96, 14.53
CIE LCh	69, 26.337, 33.496
Yxy	38.7056, 0.3870, 0.3416
Android (android.graphics.Color)	4292253838 (0xFFD6988E)
YUV	169.3980, -13.5072, 39.1160
Hunter-Lab	62.2138, 16.9367, 14.2434

Details

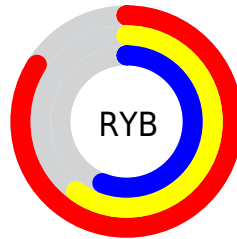
The Yxy color **38.7056, 0.3870, 0.3416** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.8159, 0.2635, 0.3159**, and the grayscale version is **39.9384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8712, 0.3582, 0.3405**, and **17.3492, 0.4103, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **32.5990, 0.4199, 0.3453**, and if you desaturate by 10%, it is **45.8694, 0.3596, 0.3377**.

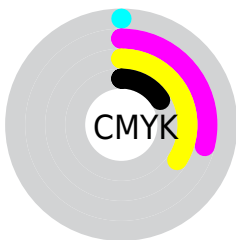
Distribution



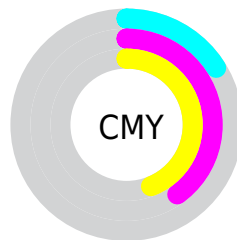
- Red (84%)
- Green (60%)
- Blue (56%)



- Red (84%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (29%)
- Yellow (34%)
- Black (16%)




- Cyan (16%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7056, 0.3870, 0.3416 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 38.7056, 0.3870, 0.3416 by changing the saturation by 10% instead.


 38.7056, 0.3870,
0.3416


 38.7056, 0.3870,
0.3416


340.6372, 0.3483,
0.3362

 26.5308, 0.3971,
0.3426


 73.1884, 0.3726,
0.3399

 17.2211, 0.4104,
0.3437


 96.2651, 0.3673,
0.3391

 10.3923, 0.4284,
0.3448


 123.7446, 0.3628,
0.3385

 5.6598, 0.4543,
0.3453

156.0112, 0.3591,
0.3379

 2.6394, 0.4941,
0.3440

193.4494, 0.3558,
0.3374

 0.9465, 0.6229,
0.3721

236.4435, 0.3530,

 0.0000, 1.0000,

0.3369

0.0000

285.3780, 0.3505,
0.3365

0.0000, 0.0000,
0.0000

38.7056, 0.3870,
0.3416

38.7056, 0.3870,
0.3416

32.5990, 0.4199,
0.3453

45.8694, 0.3596,
0.3377

27.4943, 0.4582,
0.3485

54.1316, 0.3370,
0.3339

23.3391, 0.5007,
0.3504

63.5376, 0.3186,
0.3303

20.0745, 0.5446,
0.3503

74.1290, 0.3035,
0.3269

17.6344, 0.5847,
0.3477

85.9451, 0.2911,
0.3239

■ 15.9438, 0.6151,
0.3426

■ 93.0413, 0.2883,
0.3289

■ 15.2135, 0.6285,
0.3391

Harmonies

Analogous

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



38.7056, 0.3633, 0.3101



38.7056, 0.3870, 0.3416



38.7056, 0.3891, 0.3722

Triad

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



38.7056, 0.3870, 0.3416



38.7056, 0.2964, 0.3811



38.7056, 0.2566, 0.2664

Complementary

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



38.7056, 0.3870, 0.3416



53.8159, 0.2635, 0.3159

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.



38.7056, 0.2414, 0.2802



38.7056, 0.3870, 0.3416



38.7056, 0.2632, 0.3467

Square

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



38.7056, 0.3870, 0.3416



38.7056, 0.3354, 0.3987



38.7056, 0.2437, 0.3089



38.7056, 0.2867, 0.2683

Rectangle

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



38.7056, 0.3870, 0.3416



38.7056, 0.3782, 0.3883



38.7056, 0.2437, 0.3089



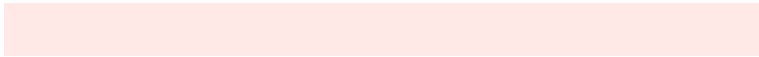
38.7056, 0.2497, 0.2692

Sweetspot

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



38.7074, 0.3870, 0.3416



85.2431, 0.3300, 0.3325



38.0283, 0.3255, 0.2559



17.8321, 0.3328, 0.3331



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.



38.7074, 0.3870, 0.3416



51.2495, 0.4085, 0.3442



52.0597, 0.3727, 0.3840



12.6957, 0.3288, 0.3323



9.2816, 0.6268, 0.3405



0.6517, 0.5989, 0.3626

Inverse Universe

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



53.8159, 0.2635, 0.3159



76.8187, 0.2549, 0.3128



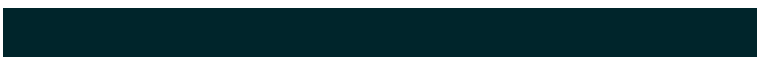
38.7662, 0.2572, 0.2668



13.8006, 0.2983, 0.3257



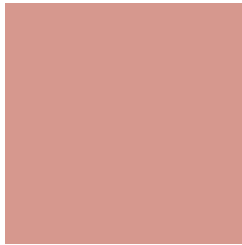
23.8523, 0.2124, 0.2847



1.5214, 0.2148, 0.2931

Previews

White Background



This preview shows how the Yxy color 38.7056, 0.3870, 0.3416 looks on a white background.

Color Contrast Check

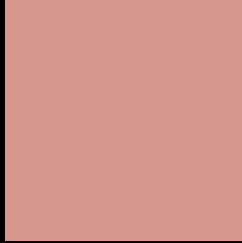
Large Text (above 18pt) WCAG AA × Fail

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 38.7056, 0.3870, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

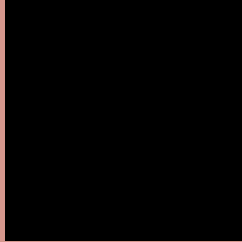
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7056, 0.3870, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 38.7056, 0.3870, 0.3416.



This preview shows how white text looks on a background with the Yxy color 38.7056, 0.3870, 0.3416.

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

38.7056, 0.3870, 0.3416

Protanopia

38.9534, 0.3352, 0.3529

Deuteranopia

38.7206, 0.3641, 0.3572



Tritanopia

38.6670, 0.3701, 0.3145

Trichromacy



Original Color

38.7056, 0.3870, 0.3416

Protanomaly

38.7661, 0.3530, 0.3494

Deuteranomaly

38.7943, 0.3724, 0.3513

Tritanomaly

38.5929, 0.3761, 0.3243

Monochromacy



Original Color

38.7056, 0.3870, 0.3416

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0119, 0.3375, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7056, 0.3870, 0.3416 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(214, 152, 142)` looks like.

```
.text, #text, p{  
    color:rgb(214, 152, 142)  
}
```

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(214, 152, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 152, 142) }
```

Border

The CSS property to change the border of an element to Yxy 38.7056, 0.3870, 0.3416 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(214, 152, 142) }
```

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

```
.border{ border-color:rgb(214, 152, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 152, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 152, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 152, 142);  
box-shadow:4px 4px 4px 4px rgb(214, 152,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7056, 0.3870, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 152, 142) }
```

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

```
.background{ background-color: rgb(214,  
152, 142) }
```

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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