

Converting Colors

Yxy(38.4313, 0.3957, 0.3422)

Have a look what the booklet for
Yxy(38.4313, 0.3957, 0.3422)
contains.

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Color

Yxy(38.2644, 0.3955, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	DA958B
RGB	218, 149, 139
RGB Percent	85%, 58%, 55%
CMY	0.1452, 0.4156, 0.4550
CMYK	0.00, 0.32, 0.36, 0.15
HSL	8°, 52%, 70%
HSV	8°, 36%, 85%
XYZ	44.3150, 38.2644, 29.4686
YIQ	168.4910, 44.3340, 11.5180

Conversions

Conversions Part 2

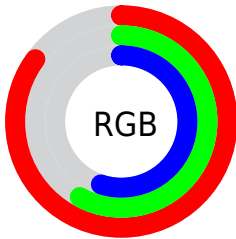
Format	Color
R_{YB}	218, 150, 139
Decimal	14325131
CIE Lab	68.22, 24.71, 15.83
CIE LCh	68, 29.349, 32.639
Yxy	38.2644, 0.3955, 0.3415
Android (android.graphics.Color)	4292515211 (0xFFDA958B)
YUV	168.4910, -14.5391, 43.4194
Hunter-Lab	61.8582, 19.6248, 15.0556

Details

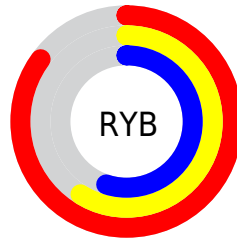
The Yxy color **38.2644, 0.3955, 0.3415** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.6310, 0.2603, 0.3159**, and the grayscale version is **39.4688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2515, 0.3620, 0.3416**, and **17.0337, 0.4212, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **32.1533, 0.4302, 0.3448**, and if you desaturate by 10%, it is **45.4899, 0.3665, 0.3379**.

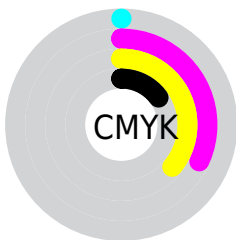
Distribution



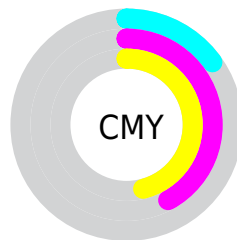
- Red (85%)
- Green (58%)
- Blue (55%)



- Red (85%)
- Yellow (59%)
- Blue (55%)



- Cyan (0%)
- Magenta (32%)
- Yellow (36%)
- Black (15%)





- Cyan (15%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2644, 0.3955, 0.3415 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 38.2644, 0.3955, 0.3415 by changing the saturation by 10% instead.


 38.2644, 0.3955,
0.3415


 38.2644, 0.3955,
0.3415


338.7528, 0.3523,
0.3364


 26.1880, 0.4068,
0.3424


 72.5132, 0.3794,
0.3399

 16.9643, 0.4216,
0.3432


 95.4544, 0.3735,
0.3392

 10.2090, 0.4417,
0.3437


 122.7859, 0.3685,
0.3386

 5.5378, 0.4706,
0.3434

154.8922, 0.3643,
0.3381

 2.5661, 0.5147,
0.3402

192.1576, 0.3607,
0.3376

 0.9097, 0.6426,
0.3574

234.9666, 0.3575,

 0.0000, 1.0000,

0.3371

0.0000

283.7036, 0.3548,
0.3367

0.0000, 0.0000,
0.0000

38.2644, 0.3955,
0.3415

38.2644, 0.3955,
0.3415

32.1533, 0.4302,
0.3448

45.4899, 0.3665,
0.3379

27.0958, 0.4702,
0.3475

53.8757, 0.3426,
0.3344

23.0337, 0.5140,
0.3487

63.4719, 0.3230,
0.3310

19.9007, 0.5578,
0.3480

74.3239, 0.3071,
0.3279

17.6226, 0.5960,
0.3449

86.4749, 0.2941,
0.3250

■ 16.1132, 0.6227,
0.3396

■ 93.6420, 0.2906,
0.3289

■ 15.7181, 0.6301,
0.3379

Harmonies

Analogous

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



38.2644, 0.3682, 0.3069



38.2644, 0.3955, 0.3415



38.2644, 0.3984, 0.3757

Triad

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



38.2644, 0.3955, 0.3415



38.2644, 0.2954, 0.3887



38.2644, 0.2495, 0.2596

Complementary

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



38.2644, 0.3955, 0.3415



55.6310, 0.2603, 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.



38.2644, 0.2334, 0.2751



38.2644, 0.3955, 0.3415



38.2644, 0.2583, 0.3499

Square

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



38.2644, 0.3955, 0.3415



38.2644, 0.3389, 0.4076



38.2644, 0.2364, 0.3073



38.2644, 0.2824, 0.2614

Rectangle

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



38.2644, 0.3955, 0.3415



38.2644, 0.3864, 0.3942



38.2644, 0.2364, 0.3073



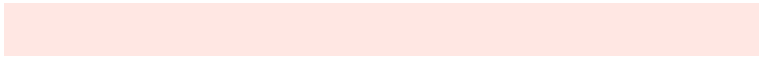
38.2644, 0.2421, 0.2628

Sweetspot

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



38.2662, 0.3955, 0.3415



83.6834, 0.3320, 0.3326



37.9535, 0.3255, 0.2490



17.5137, 0.3347, 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.



38.2662, 0.3955, 0.3415



48.2084, 0.4197, 0.3439



52.6021, 0.3787, 0.3869



13.3168, 0.3288, 0.3320



9.5049, 0.6284, 0.3392



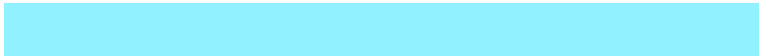
0.7051, 0.6035, 0.3590

Inverse Universe

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



55.6310, 0.2603, 0.3159



76.2226, 0.2515, 0.3129



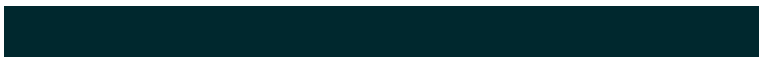
39.0222, 0.2529, 0.2629



14.5325, 0.2982, 0.3259



25.2846, 0.2135, 0.2886



1.7186, 0.2155, 0.2958

Previews

White Background



This preview shows how the Yxy color 38.2644, 0.3955, 0.3415 looks on a white background.

Color Contrast Check

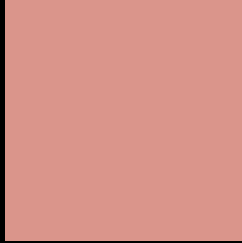
Large Text (above 18pt) WCAG AA × Fail

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 38.2644, 0.3955, 0.3415 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 38.2644, 0.3955, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 38.2644, 0.3955, 0.3415.



This preview shows how white text looks on a background with the Yxy color 38.2644, 0.3955, 0.3415.

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

38.2644, 0.3955, 0.3415

Protanopia

38.4092, 0.3363, 0.3545

Deuteranopia

38.2852, 0.3674, 0.3600



Tritanopia

38.2077, 0.3794, 0.3159

Trichromacy



Original Color

38.2644, 0.3955, 0.3415

Protanomaly

38.1331, 0.3566, 0.3494

Deuteranomaly

38.1685, 0.3772, 0.3526

Tritanomaly

38.1295, 0.3855, 0.3256

Monochromacy



Original Color

38.2644, 0.3955, 0.3415

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.3632, 0.3408, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2644, 0.3955, 0.3415 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(218, 149, 139)` looks like.

```
.text, #text, p{  
    color:rgb(218, 149, 139)  
}
```

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(218, 149, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 149, 139) }
```

Border

The CSS property to change the border of an element to Yxy 38.2644, 0.3955, 0.3415 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(218, 149, 139) }
```

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

```
.border{ border-color:rgb(218, 149, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 149, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 149, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 149, 139);  
box-shadow:4px 4px 4px 4px rgb(218, 149,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2644, 0.3955, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 149, 139) }
```

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

```
.background{ background-color: rgb(218,  
149, 139) }
```

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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