

Converting Colors

$Yxy(38.5556, 0.3859, 0.3417)$

Have a look what the booklet for
Yxy(38.5556, 0.3859, 0.3417)
contains.

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Color

Yxy(38.5556, 0.3859, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	D5988E
RGB	213, 152, 142
RGB Percent	84%, 60%, 56%
CMY	0.1649, 0.4038, 0.4432
CMYK	0.00, 0.29, 0.33, 0.16
HSL	8°, 46%, 70%
HSV	8°, 33%, 84%
XYZ	43.5429, 38.5556, 30.7362
YIQ	169.0990, 39.5660, 9.8220

Conversions

Conversions Part 2

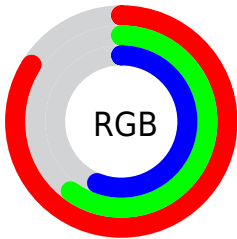
Format	Color
R _Y B	213, 154, 142
Decimal	13998222
CIE Lab	68.43, 21.53, 14.37
CIE LCh	68, 25.885, 33.716
Yxy	38.5556, 0.3859, 0.3417
Android (android.graphics.Color)	4292188302 (0xFFD5988E)
YUV	169.0990, -13.3598, 38.5012
Hunter-Lab	62.0932, 16.5103, 14.1166

Details

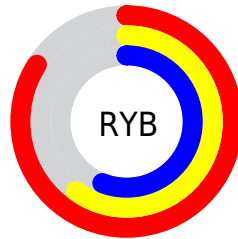
The Yxy color **38.5556, 0.3859, 0.3417** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2339, 0.2640, 0.3158**, and the grayscale version is **39.7807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8712, 0.3582, 0.3405**, and **17.2482, 0.4089, 0.3442** is the 20% darker color. If you saturate the color by 10%, you get **32.4910, 0.4185, 0.3455**, and if you desaturate by 10%, it is **45.6614, 0.3587, 0.3377**.

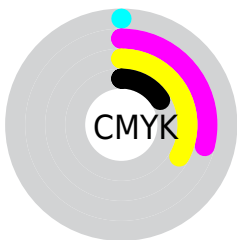
Distribution



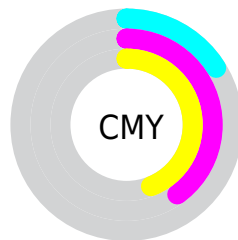
- Red (84%)
- Green (60%)
- Blue (56%)



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



- Cyan (0%)
- Magenta (29%)
- Yellow (33%)
- Black (16%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5556, 0.3859, 0.3417 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 38.5556, 0.3859, 0.3417 by changing the saturation by 10% instead.


 38.5556, 0.3859,
0.3417


 38.5556, 0.3859,
0.3417


339.9974, 0.3478,
0.3362


 26.4142, 0.3959,
0.3428


 72.9589, 0.3717,
0.3399

 17.1338, 0.4090,
0.3439


 95.9896, 0.3665,
0.3392

 10.3299, 0.4268,
0.3450


 123.4189, 0.3621,
0.3385

 5.6182, 0.4524,
0.3457

155.6311, 0.3584,
0.3379

 2.6144, 0.4919,
0.3447

193.0107, 0.3552,
0.3374

 0.9339, 0.6213,
0.3741

235.9420, 0.3524,

 0.0000, 1.0000,

0.3370

0.0000

284.8094, 0.3499,
0.3366

■ 0.0000, 0.0000,
0.0000

■ 38.5556, 0.3859,
0.3417

■ 38.5556, 0.3859,
0.3417

■ 32.4910, 0.4185,
0.3455

■ 45.6614, 0.3587,
0.3377

■ 27.4132, 0.4565,
0.3488

■ 53.8483, 0.3363,
0.3338

■ 23.2714, 0.4989,
0.3508

■ 63.1610, 0.3180,
0.3302

■ 20.0079, 0.5427,
0.3508

■ 73.6401, 0.3030,
0.3268

■ 17.5586, 0.5829,
0.3483

■ 85.3239, 0.2907,
0.3237

■ 15.8501, 0.6138,
0.3432

■ 92.8805, 0.2877,
0.3289

■ 15.0737, 0.6282,
0.3394

Harmonies

Analogous

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



38.5556, 0.3627, 0.3106



38.5556, 0.3859, 0.3417



38.5556, 0.3878, 0.3718

Triad

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



38.5556, 0.3859, 0.3417



38.5556, 0.2964, 0.3800



38.5556, 0.2576, 0.2673

Complementary

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



38.5556, 0.3859, 0.3417



53.2339, 0.2640, 0.3158

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.



38.5556, 0.2425, 0.2809



38.5556, 0.3859, 0.3417



38.5556, 0.2638, 0.3461

Square

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



38.5556, 0.3859, 0.3417



38.5556, 0.3348, 0.3975



38.5556, 0.2446, 0.3091



38.5556, 0.2874, 0.2692

Rectangle

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



38.5556, 0.3859, 0.3417



38.5556, 0.3770, 0.3875



38.5556, 0.2446, 0.3091



38.5556, 0.2507, 0.2701

Sweetspot

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



38.5574, 0.3859, 0.3417



85.2813, 0.3300, 0.3326



37.8210, 0.3254, 0.2567



17.8412, 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.



38.5574, 0.3859, 0.3417



51.3486, 0.4084, 0.3445



51.6092, 0.3720, 0.3835



12.7010, 0.3288, 0.3324



9.3002, 0.6264, 0.3408



0.6542, 0.5982, 0.3632

Inverse Universe

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



53.2339, 0.2640, 0.3158



76.6592, 0.2549, 0.3125



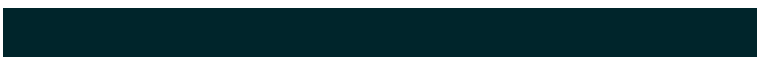
38.5642, 0.2578, 0.2675



13.7947, 0.2983, 0.3256



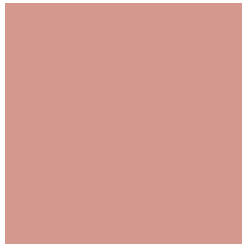
23.7118, 0.2122, 0.2839



1.5142, 0.2146, 0.2924

Previews

White Background



This preview shows how the Yxy color 38.5556, 0.3859, 0.3417 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 38.5556, 0.3859, 0.3417 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 38.5556, 0.3859, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 38.5556, 0.3859, 0.3417.



This preview shows how white text looks on a background with the Yxy color 38.5556, 0.3859, 0.3417.

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

38.5556, 0.3859, 0.3417

Protanopia

38.8060, 0.3352, 0.3544

Deuteranopia

38.7206, 0.3641, 0.3572



Tritanopia

38.5152, 0.3690, 0.3144

Trichromacy



Original Color

38.5556, 0.3859, 0.3417

Protanomaly

38.6073, 0.3530, 0.3508

Deuteranomaly

38.6562, 0.3713, 0.3514

Tritanomaly

38.4419, 0.3751, 0.3242

Monochromacy



Original Color

38.5556, 0.3859, 0.3417

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 38.5556, 0.3859, 0.3417 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(213, 152, 142)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 152, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 152, 142) }
```

Border

The CSS property to change the border of an element to Yxy 38.5556, 0.3859, 0.3417 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(213, 152, 142) }
```

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

```
.border{ border-color:rgb(213, 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(213, 152, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 152, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 152, 142);  
box-shadow:4px 4px 4px 4px rgb(213, 152,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5556, 0.3859, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 152, 142) }
```

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

```
.background{ background-color: rgb(213,  
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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