

Converting Colors

$Y_{xy}(37.8950, 0.3892, 0.3379)$

Have a look what the booklet for
Yxy(37.8950, 0.3892, 0.3379)
contains.

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Color

Yxy(37.8950, 0.3892, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	D7958E
RGB	215, 149, 142
RGB Percent	84%, 58%, 56%
CMY	0.1570, 0.4156, 0.4431
CMYK	0.00, 0.31, 0.34, 0.16
HSL	6°, 48%, 70%
HSV	6°, 34%, 84%
XYZ	43.6482, 37.8950, 30.6053
YIQ	167.9360, 41.5830, 11.8150

Conversions

Conversions Part 2

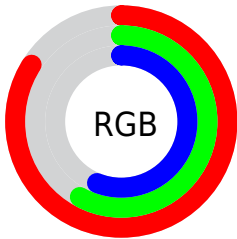
Format	Color
R _Y B	215, 150, 142
Decimal	14128526
CIE Lab	67.94, 23.93, 13.72
CIE LCh	68, 27.585, 29.822
Yxy	37.8950, 0.3892, 0.3379
Android (android.graphics.Color)	4292318606 (0xFFD7958E)
YUV	167.9360, -12.7864, 41.2751
Hunter-Lab	61.5589, 18.8370, 13.6139

Details

The Yxy color **37.8950, 0.3892, 0.3379** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.7455, 0.2637, 0.3198**, and the grayscale version is **39.1743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4313, 0.3589, 0.3374**, and **16.7772, 0.4124, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **31.6674, 0.4233, 0.3405**, and if you desaturate by 10%, it is **45.2764, 0.3609, 0.3352**.

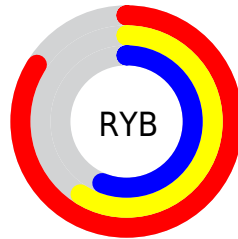
Distribution



Red (84%)

Green (58%)

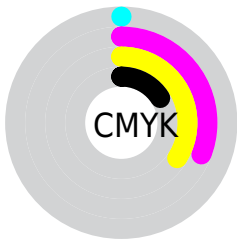
Blue (56%)



Red (84%)

Yellow (59%)

Blue (56%)

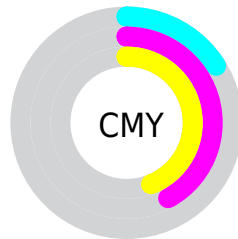


Cyan (0%)

Magenta (31%)

Yellow (34%)

Black (16%)



Cyan (16%)


Magenta (42%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8950, 0.3892, 0.3379 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 37.8950, 0.3892, 0.3379 by changing the saturation by 10% instead.


 37.8950, 0.3892,
0.3379

 37.8950, 0.3892,
0.3379


337.1693, 0.3492,
0.3344


 25.9012, 0.3997,
0.3384


 71.9472, 0.3743,
0.3369

 16.7497, 0.4135,
0.3389


 94.7743, 0.3688,
0.3364

 10.0562, 0.4323,
0.3390


 121.9814, 0.3642,
0.3360

 5.4363, 0.4594,
0.3383

153.9528, 0.3603,
0.3356

 2.5054, 0.5015,
0.3349

191.0729, 0.3570,
0.3353

 0.8794, 0.6399,
0.3601

233.7261, 0.3540,

 0.0000, 1.0000,

0.3349

0.0000

282.2968, 0.3515,
0.3346


 0.0000, 0.0000,
0.0000

 37.8950, 0.3892,
0.3379


 37.8950, 0.3892,
0.3379


 31.6674, 0.4233,
0.3405


 45.2764, 0.3609,
0.3352


 26.5301, 0.4632,
0.3426


 53.8602, 0.3378,
0.3325


 22.4219, 0.5074,
0.3438

 63.6985, 0.3191,
0.3299

 19.2732, 0.5526,
0.3435

 74.8390, 0.3039,
0.3276

 17.0057, 0.5928,
0.3414

 87.3270, 0.2915,
0.3255

■ 15.5288, 0.6219,
0.3375

■ 93.1829, 0.2888,
0.3289

■ 14.9673, 0.6334,
0.3353

Harmonies

Analogous

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



37.8950, 0.3617, 0.3053



37.8950, 0.3892, 0.3379



37.8950, 0.3943, 0.3706

Triad

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



37.8950, 0.3892, 0.3379



37.8950, 0.3003, 0.3877



37.8950, 0.2508, 0.2640

Complementary

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



37.8950, 0.3892, 0.3379



55.7455, 0.2637, 0.3198

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.



37.8950, 0.2371, 0.2804



37.8950, 0.3892, 0.3379



37.8950, 0.2642, 0.3526

Square

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



37.8950, 0.3892, 0.3379



37.8950, 0.3414, 0.4033



37.8950, 0.2417, 0.3122



37.8950, 0.2807, 0.2641

Rectangle

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



37.8950, 0.3892, 0.3379



37.8950, 0.3845, 0.3886



37.8950, 0.2417, 0.3122



37.8950, 0.2442, 0.2676

Sweetspot

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



37.8968, 0.3892, 0.3379



84.6315, 0.3302, 0.3315



38.3874, 0.3222, 0.2515



17.6854, 0.3329, 0.3318



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.



37.8968, 0.3892, 0.3379



48.7933, 0.4140, 0.3399



50.9132, 0.3747, 0.3804



12.6109, 0.3289, 0.3313



9.0245, 0.6320, 0.3364



0.6117, 0.6104, 0.3535

Inverse Universe

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



55.7455, 0.2637, 0.3198



79.0188, 0.2545, 0.3175



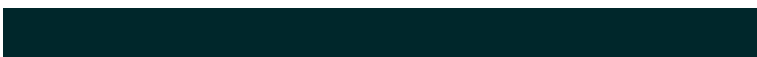
40.3156, 0.2574, 0.2713



13.8942, 0.2983, 0.3267



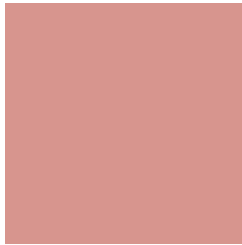
26.1846, 0.2163, 0.2987



1.6400, 0.2179, 0.3044

Previews

White Background



This preview shows how the Yxy color 37.8950, 0.3892, 0.3379 looks on a white background.

Color Contrast Check

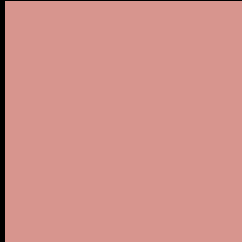
Large Text (above 18pt) WCAG AA × Fail

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 37.8950, 0.3892, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

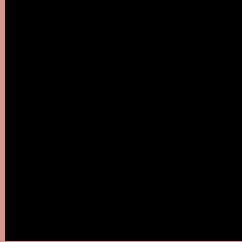
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8950, 0.3892, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 37.8950, 0.3892, 0.3379.



This preview shows how white text looks on a background with the Yxy color 37.8950, 0.3892, 0.3379.

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

37.8950, 0.3892, 0.3379

Protanopia

37.9965, 0.3337, 0.3503

Deuteranopia

38.1114, 0.3624, 0.3561



Tritanopia

38.0878, 0.3749, 0.3158

Trichromacy



Original Color

37.8950, 0.3892, 0.3379

Protanomaly

37.5942, 0.3529, 0.3454

Deuteranomaly

37.9794, 0.3721, 0.3488

Tritanomaly

38.0457, 0.3799, 0.3243

Monochromacy



Original Color

37.8950, 0.3892, 0.3379

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.3072, 0.3379, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8950, 0.3892, 0.3379 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(215, 149, 142)` looks like.

```
.text, #text, p{  
    color:rgb(215, 149, 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(215, 149, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 149, 142) }
```

Border

The CSS property to change the border of an element to Yxy 37.8950, 0.3892, 0.3379 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(215, 149, 142) }
```

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

```
.border{ border-color:rgb(215, 149, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 149, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 149, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 149, 142);  
box-shadow:4px 4px 4px 4px rgb(215, 149,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8950, 0.3892, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 149, 142) }
```

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

```
.background{ background-color: rgb(215,  
149, 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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