

Converting Colors

$Y_{xy}(41.7981, 0.3881, 0.3343)$

Have a look what the booklet for
Yxy(41.7981, 0.3881, 0.3343)
contains.

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Color

Yxy(41.8458, 0.3884, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	E29B97
RGB	226, 155, 151
RGB Percent	89%, 61%, 59%
CMY	0.1137, 0.3922, 0.4077
CMYK	0.00, 0.31, 0.33, 0.11
HSL	3°, 56%, 74%
HSV	3°, 33%, 89%
XYZ	48.6760, 41.8458, 34.8026
YIQ	175.7730, 43.6000, 13.8080

Conversions

Conversions Part 2

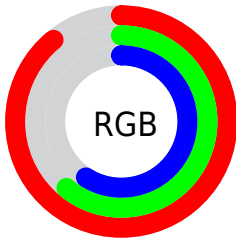
Format	Color
R _Y B	226, 155, 151
Decimal	14850967
CIE Lab	70.76, 26.05, 12.85
CIE LCh	71, 29.044, 26.255
Yxy	41.8458, 0.3884, 0.3339
Android (android.graphics.Color)	4293041047 (0xFFE29B97)
YUV	175.7730, -12.2131, 44.0491
Hunter-Lab	64.6883, 21.1112, 13.3836

Details

The Yxy color **41.8458, 0.3884, 0.3339** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.3410, 0.2650, 0.3240**, and the grayscale version is **43.3416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7610, 0.3507, 0.3342**, and **19.0556, 0.4120, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **34.6780, 0.4232, 0.3354**, and if you desaturate by 10%, it is **50.4213, 0.3597, 0.3324**.

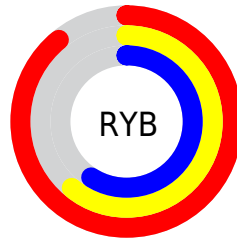
Distribution



Red (89%)

Green (61%)

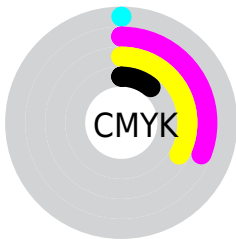
Blue (59%)



Red (89%)

Yellow (61%)

Blue (59%)

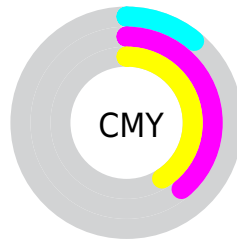


Cyan (0%)

Magenta (31%)

Yellow (33%)

Black (11%)



Cyan (11%)


Magenta (39%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8458, 0.3884, 0.3339 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 41.8458, 0.3884, 0.3339 by changing the saturation by 10% instead.

 41.8458, 0.3884,
0.3339

 41.8458, 0.3884,
0.3339


353.8433, 0.3495,
0.3324

 28.9806, 0.3984,
0.3339


 77.9662, 0.3740,
0.3336

 19.0661, 0.4114,
0.3338


 101.9902, 0.3687,
0.3334

 11.7181, 0.4290,
0.3332


130.5025, 0.3642,
0.3332

 6.5520, 0.4539,
0.3316

163.8875, 0.3604,
0.3331

 3.1835, 0.4916,
0.3276

202.5298, 0.3571,
0.3329

 1.2283, 0.5692,
0.3251

246.8135, 0.3542,

 0.0846, 0.8943,

0.3327

0.1057

297.1233, 0.3517,
0.3326

■ 0.0000, 0.0000,
0.0000

■ 41.8458, 0.3884,
0.3339

■ 41.8458, 0.3884,
0.3339

■ 34.6780, 0.4232,
0.3354

■ 50.4213, 0.3597,
0.3324

■ 28.8371, 0.4643,
0.3366

■ 60.4676, 0.3365,
0.3308

■ 24.2433, 0.5100,
0.3373

■ 72.0515, 0.3179,
0.3294

■ 20.8060, 0.5565,
0.3371

■ 85.2337, 0.3028,
0.3281

■ 18.4221, 0.5974,
0.3358

■ 94.9107, 0.2952,
0.3289

■ 16.9703, 0.6258,
0.3336

■ 16.4325, 0.6371,
0.3324

Harmonies

Analogous

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



41.8458, 0.3582, 0.3012



41.8458, 0.3884, 0.3339



41.8458, 0.3965, 0.3675

Triad

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



41.8458, 0.3884, 0.3339



41.8458, 0.3050, 0.3920



41.8458, 0.2471, 0.2640

Complementary

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



41.8458, 0.3884, 0.3339



64.3410, 0.2650, 0.3240

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.



41.8458, 0.2353, 0.2826



41.8458, 0.3884, 0.3339



41.8458, 0.2671, 0.3579

Square

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



41.8458, 0.3884, 0.3339



41.8458, 0.3466, 0.4050



41.8458, 0.2422, 0.3165



41.8458, 0.2758, 0.2622

Rectangle

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



41.8458, 0.3884, 0.3339



41.8458, 0.3883, 0.3867



41.8458, 0.2422, 0.3165



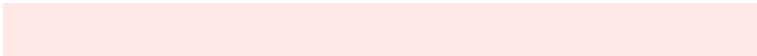
41.8458, 0.2412, 0.2683

Sweetspot

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



41.8478, 0.3884, 0.3339



84.0123, 0.3303, 0.3304



43.6020, 0.3198, 0.2505



17.5371, 0.3331, 0.3306



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.



41.8478, 0.3884, 0.3339



48.1486, 0.4124, 0.3350



56.2243, 0.3742, 0.3766



13.8162, 0.3291, 0.3303



9.4263, 0.6360, 0.3332



0.6950, 0.6245, 0.3423

Inverse Universe

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



64.3410, 0.2650, 0.3240



82.1184, 0.2565, 0.3228



46.6768, 0.2590, 0.2760



15.4416, 0.2982, 0.3277



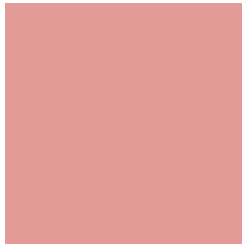
30.6397, 0.2201, 0.3125



2.1623, 0.2209, 0.3152

Previews

White Background



This preview shows how the Yxy color 41.8458, 0.3884, 0.3339 looks on a white background.

Color Contrast Check

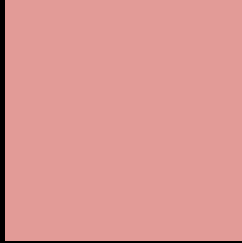
Large Text (above 18pt) WCAG AA × Fail

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 41.8458, 0.3884, 0.3339 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 41.8458, 0.3884, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 41.8458, 0.3884, 0.3339.



This preview shows how white text looks on a background with the Yxy color 41.8458, 0.3884, 0.3339.

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

41.8458, 0.3884, 0.3339

Protanopia

42.1285, 0.3301, 0.3467

Deuteranopia

41.9495, 0.3596, 0.3525



Tritanopia

41.8300, 0.3756, 0.3151

Trichromacy



Original Color

41.8458, 0.3884, 0.3339

Protanomaly

41.5771, 0.3504, 0.3408

Deuteranomaly

41.9517, 0.3697, 0.3455

Tritanomaly

41.9802, 0.3805, 0.3222

Monochromacy



Original Color

41.8458, 0.3884, 0.3339

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.2646, 0.3379, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8458, 0.3884, 0.3339 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(226, 155, 151)` looks like.

```
.text, #text, p{  
    color:rgb(226, 155, 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(226, 155, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 155, 151) }
```

Border

The CSS property to change the border of an element to Yxy 41.8458, 0.3884, 0.3339 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(226, 155, 151) }
```

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

```
.border{ border-color:rgb(226, 155, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 155, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 155, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 155, 151);  
box-shadow:4px 4px 4px 4px rgb(226, 155,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8458, 0.3884, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 155, 151) }
```

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

```
.background{ background-color: rgb(226,  
155, 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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