

Converting Colors

$Yxy(42.1487, 0.3971, 0.3475)$

Have a look what the booklet for
Yxy(42.1487, 0.3971, 0.3475)
contains.

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Color

Yxy(42.2058, 0.3978, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	E29D8D
RGB	226, 157, 141
RGB Percent	89%, 62%, 55%
CMY	0.1137, 0.3843, 0.4470
CMYK	0.00, 0.31, 0.38, 0.11
HSL	11°, 59%, 72%
HSV	11°, 38%, 89%
XYZ	48.2317, 42.2058, 30.8087
YIQ	175.8070, 46.2600, 9.6520

Conversions

Conversions Part 2

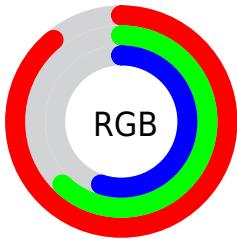
Format	Color
R_{YB}	226, 161, 141
Decimal	14851469
CIE _{Lab}	71.01, 23.76, 18.72
CIE _{LCh}	71, 30.247, 38.238
Yxy	42.2058, 0.3978, 0.3481
Android (android.graphics.Color)	4293041549 (0xFFE29D8D)
YUV	175.8070, -17.1599, 44.0193
Hunter-Lab	64.9660, 18.8306, 17.3592

Details

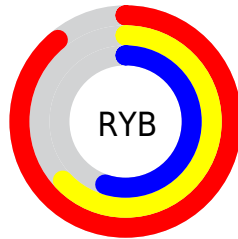
The Yxy color **42.2058, 0.3978, 0.3481** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.2602, 0.2575, 0.3086**, and the grayscale version is **43.3850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2871, 0.3578, 0.3466**, and **19.2935, 0.4238, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **35.8522, 0.4316, 0.3530**, and if you desaturate by 10%, it is **49.6332, 0.3691, 0.3428**.

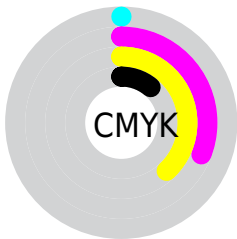
Distribution



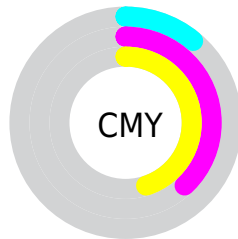
- Red (89%)
- Green (62%)
- Blue (55%)



- Red (89%)
- Yellow (63%)
- Blue (55%)



- Cyan (0%)
- Magenta (31%)
- Yellow (38%)
- Black (11%)





- Cyan (11%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2058, 0.3978, 0.3481 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 42.2058, 0.3978, 0.3481 by changing the saturation by 10% instead.


 42.2058, 0.3978,
0.3481

 42.2058, 0.3978,
0.3481


355.3353, 0.3541,
0.3398

 29.2625, 0.4090,
0.3497


 78.5110, 0.3817,
0.3454

 19.2795, 0.4234,
0.3514


 102.6417, 0.3757,
0.3443

 11.8724, 0.4428,
0.3532


 131.2702, 0.3707,
0.3434

 6.6568, 0.4699,
0.3545


164.7811, 0.3664,
0.3425

 3.2484, 0.5101,
0.3539

203.5586, 0.3627,
0.3417

 1.2628, 0.6205,
0.3740

247.9873, 0.3595,

 0.1121, 0.8596,

0.3410

0.1404

298.4514, 0.3566,
0.3404

0.0000, 0.0000,
0.0000

42.2058, 0.3978,
0.3481

42.2058, 0.3978,
0.3481

35.8522, 0.4316,
0.3530

49.6332, 0.3691,
0.3428

30.5166, 0.4703,
0.3568

58.1750, 0.3452,
0.3376

26.1471, 0.5120,
0.3587

67.8769, 0.3254,
0.3326

22.6846, 0.5536,
0.3578

78.7803, 0.3091,
0.3279

20.0635, 0.5900,
0.3535

90.9246, 0.2956,
0.3236

■ 18.2072, 0.6164,
0.3463

■ 94.9103, 0.2952,
0.3289

■ 17.8626, 0.6216,
0.3447

Harmonies

Analogous

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



42.2058, 0.3747, 0.3131



42.2058, 0.3978, 0.3481



42.2058, 0.3959, 0.3813

Triad

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



42.2058, 0.3978, 0.3481



42.2058, 0.2878, 0.3824



42.2058, 0.2547, 0.2589

Complementary

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



42.2058, 0.3978, 0.3481



57.2602, 0.2575, 0.3086

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.



42.2058, 0.2352, 0.2710



42.2058, 0.3978, 0.3481



42.2058, 0.2531, 0.3417

Square

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



42.2058, 0.3978, 0.3481



42.2058, 0.3308, 0.4058



42.2058, 0.2345, 0.3003



42.2058, 0.2901, 0.2637

Rectangle

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



42.2058, 0.3978, 0.3481



42.2058, 0.3812, 0.3981



42.2058, 0.2345, 0.3003



42.2058, 0.2462, 0.2610

Sweetspot

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



42.2078, 0.3978, 0.3481



84.6437, 0.3318, 0.3343



39.8986, 0.3314, 0.2515



17.7408, 0.3345, 0.3350



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.



42.2078, 0.3978, 0.3481



48.9426, 0.4234, 0.3519



58.9841, 0.3795, 0.3953



14.1155, 0.3287, 0.3335



10.3172, 0.6193, 0.3465



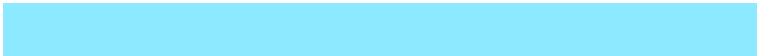
0.8372, 0.5906, 0.3692

Inverse Universe

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



57.2602, 0.2575, 0.3086



71.3316, 0.2477, 0.3038



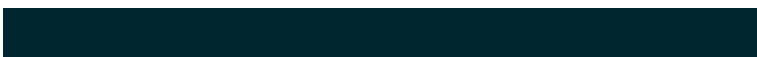
39.1346, 0.2492, 0.2520



15.1111, 0.2982, 0.3245



22.7345, 0.2077, 0.2679



1.6904, 0.2106, 0.2783

Previews

White Background



This preview shows how the Yxy color 42.2058, 0.3978, 0.3481 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 42.2058, 0.3978, 0.3481 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 42.2058, 0.3978, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 42.2058, 0.3978, 0.3481.



This preview shows how white text looks on a background with the Yxy color 42.2058, 0.3978, 0.3481.

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

42.2058, 0.3978, 0.3481

Protanopia

42.5093, 0.3423, 0.3629

Deuteranopia

42.1980, 0.3729, 0.3650



Tritanopia

41.9931, 0.3766, 0.3152

Trichromacy



Original Color

42.2058, 0.3978, 0.3481

Protanomaly

42.2227, 0.3621, 0.3576

Deuteranomaly

41.9367, 0.3814, 0.3579

Tritanomaly

41.8424, 0.3846, 0.3269

Monochromacy



Original Color

42.2058, 0.3978, 0.3481

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.4896, 0.3413, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2058, 0.3978, 0.3481 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, 157, 141)` looks like.

```
.text, #text, p{  
    color:rgb(226, 157, 141)  
}
```

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, 157, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 157, 141) }
```

Border

The CSS property to change the border of an element to Yxy 42.2058, 0.3978, 0.3481 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, 157, 141) }
```

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

```
.border{ border-color:rgb(226, 157, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 157, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 157, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 157, 141); box-shadow:4px 4px 4px 4px rgb(226, 157, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2058, 0.3978, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 157, 141) }
```

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

```
.background{ background-color: rgb(226,  
157, 141) }
```

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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