

Converting Colors

$Yxy(38.5558, 0.4203, 0.3483)$

Have a look what the booklet for
Yxy(38.5558, 0.4203, 0.3483)
contains.

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Color

Yxy(38.4938, 0.4194, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	E59181
RGB	229, 145, 129
RGB Percent	90%, 57%, 51%
CMY	0.1019, 0.4314, 0.4942
CMYK	0.00, 0.37, 0.44, 0.10
HSL	10°, 66%, 70%
HSV	10°, 44%, 90%
XYZ	46.4050, 38.4938, 25.7474
YIQ	168.2920, 55.2000, 12.8320

Conversions

Conversions Part 2

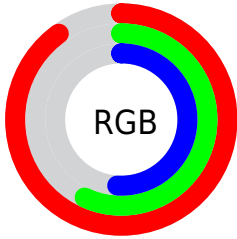
Format	Color
R _Y B	229, 148, 129
Decimal	15044993
CIE Lab	68.38, 29.99, 21.81
CIE LCh	68, 37.085, 36.026
Yxy	38.4938, 0.4194, 0.3479
Android (android.graphics.Color)	4293235073 (0xFFE59181)
YUV	168.2920, -19.3710, 53.2409
Hunter-Lab	62.0434, 24.9322, 18.8256

Details

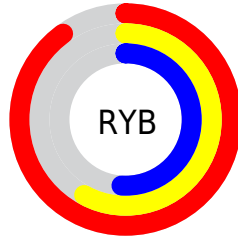
The Yxy color **38.4938, 0.4194, 0.3479** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.9172, 0.2503, 0.3085**, and the grayscale version is **39.3861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9460, 0.3711, 0.3479**, and **17.0658, 0.4528, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **32.5642, 0.4573, 0.3515**, and if you desaturate by 10%, it is **45.5590, 0.3868, 0.3436**.

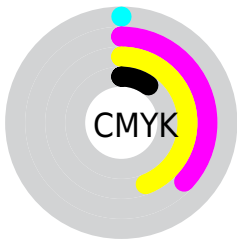
Distribution



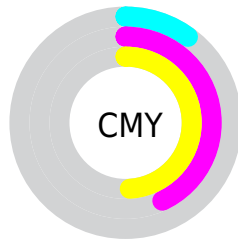
- Red (90%)
- Green (57%)
- Blue (51%)



- Red (90%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (44%)
- Black (10%)





- Cyan (10%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.4938, 0.4194, 0.3479 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 38.4938, 0.4194, 0.3479 by changing the saturation by 10% instead.

 38.4938, 0.4194,
0.3479


 38.4938, 0.4194,
0.3479

339.7335, 0.3639,
0.3404

 26.3662, 0.4338,
0.3490


 72.8644, 0.3988,
0.3457

 17.0978, 0.4525,
0.3499


 95.8761, 0.3912,
0.3447

 10.3042, 0.4776,
0.3501


 123.2847, 0.3848,
0.3438

 5.6011, 0.5128,
0.3485

155.4744, 0.3793,
0.3430

 2.6041, 0.5663,
0.3428

192.8298, 0.3747,
0.3423

 0.9287, 0.6687,
0.3313

235.7352, 0.3706,

 0.0000, 1.0000,

0.3416

0.0000

284.5750, 0.3670,
0.3410

0.0000, 0.0000,
0.0000

38.4938, 0.4194,
0.3479

38.4938, 0.4194,
0.3479

32.5642, 0.4573,
0.3515

45.5590, 0.3868,
0.3436

27.7051, 0.4993,
0.3538

53.8091, 0.3596,
0.3391

23.8536, 0.5425,
0.3538

63.2973, 0.3371,
0.3346

20.9378, 0.5821,
0.3510

74.0719, 0.3186,
0.3305

18.8756, 0.6125,
0.3452

86.1786, 0.3035,
0.3266

■ 17.9633, 0.6261,
0.3411

■ 95.4014, 0.2970,
0.3290

Harmonies

Analogous

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



38.4938, 0.3879, 0.3055



38.4938, 0.4194, 0.3479



38.4938, 0.4185, 0.3899

Triad

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



38.4938, 0.4194, 0.3479



38.4938, 0.2843, 0.4011



38.4938, 0.2378, 0.2424

Complementary

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



38.4938, 0.4194, 0.3479



57.9172, 0.2503, 0.3085

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.



38.4938, 0.2159, 0.2579



38.4938, 0.4194, 0.3479



38.4938, 0.2404, 0.3486

Square

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



38.4938, 0.4194, 0.3479



38.4938, 0.3382, 0.4284



38.4938, 0.2166, 0.2950



38.4938, 0.2800, 0.2474

Rectangle

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



38.4938, 0.4194, 0.3479



38.4938, 0.4008, 0.4128



38.4938, 0.2166, 0.2950



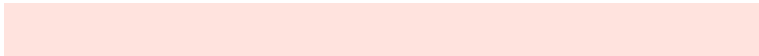
38.4938, 0.2281, 0.2452

Sweetspot

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



38.4957, 0.4194, 0.3479



81.5494, 0.3359, 0.3344



37.2137, 0.3320, 0.2362



16.8450, 0.3404, 0.3353



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.



38.4957, 0.4194, 0.3479



42.5079, 0.4518, 0.3511



56.8331, 0.3936, 0.4025



14.7386, 0.3288, 0.3328



10.3821, 0.6240, 0.3427



0.8810, 0.5987, 0.3628

Inverse Universe

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



57.9172, 0.2503, 0.3085



70.1050, 0.2404, 0.3037



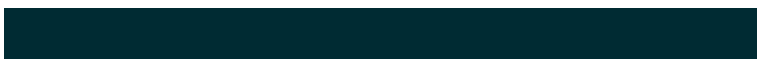
36.8742, 0.2389, 0.2415



15.9228, 0.2981, 0.3251



25.0246, 0.2104, 0.2774



1.9549, 0.2127, 0.2857

Previews

White Background



This preview shows how the Yxy color 38.4938, 0.4194, 0.3479 looks on a white background.

Color Contrast Check

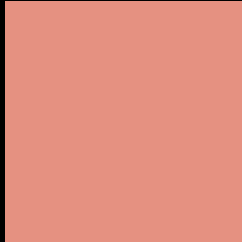
Large Text (above 18pt) WCAG AA × Fail

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 38.4938, 0.4194, 0.3479 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 38.4938, 0.4194, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 38.4938, 0.4194, 0.3479.



This preview shows how white text looks on a background with the Yxy color 38.4938, 0.4194, 0.3479.

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

38.4938, 0.4194, 0.3479

Protanopia

38.7316, 0.3462, 0.3685

Deuteranopia

38.5183, 0.3822, 0.3740



Tritanopia

38.6019, 0.3975, 0.3177

Trichromacy



Original Color

38.4938, 0.4194, 0.3479

Protanomaly

38.1476, 0.3718, 0.3611

Deuteranomaly

38.5303, 0.3959, 0.3646

Tritanomaly

38.4815, 0.4049, 0.3281

Monochromacy



Original Color

38.4938, 0.4194, 0.3479

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.4219, 0.3478, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4938, 0.4194, 0.3479 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(229, 145, 129)` looks like.

```
.text, #text, p{  
    color:rgb(229, 145, 129)  
}
```

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(229, 145, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 145, 129) }
```

Border

The CSS property to change the border of an element to Yxy 38.4938, 0.4194, 0.3479 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(229, 145, 129) }
```

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

```
.border{ border-color:rgb(229, 145, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 145, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 145, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 145, 129); box-shadow:4px 4px 4px 4px rgb(229, 145, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4938, 0.4194, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 145, 129) }
```

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

```
.background{ background-color: rgb(229,  
145, 129) }
```

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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