

Converting Colors

$Y_{xy}(38.0002, 0.4236, 0.3478)$

Have a look what the booklet for
Yxy(38.0002, 0.4236, 0.3478)
contains.

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Color

Yxy(38.0002, 0.4236, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	E68F7F
RGB	230, 143, 127
RGB Percent	90%, 56%, 50%
CMY	0.0981, 0.4392, 0.5019
CMYK	0.00, 0.38, 0.45, 0.10
HSL	9°, 67%, 70%
HSV	9°, 45%, 90%
XYZ	46.2820, 38.0002, 24.9766
YIQ	167.1890, 56.9880, 13.4680

Conversions

Conversions Part 2

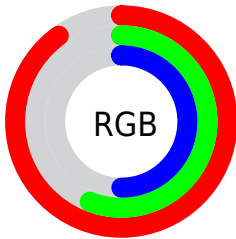
Format	Color
R _Y B	230, 146, 127
Decimal	15110015
CIE Lab	68.02, 31.21, 22.43
CIE LCh	68, 38.432, 35.712
Yxy	38.0002, 0.4236, 0.3478
Android (android.graphics.Color)	4293300095 (0xFFE68F7F)
YUV	167.1890, -19.8132, 55.0852
Hunter-Lab	61.6443, 26.1387, 19.1284

Details

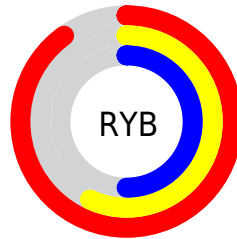
The Yxy color **38.0002, 0.4236, 0.3478** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.3036, 0.2491, 0.3085**, and the grayscale version is **38.8198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9435, 0.3733, 0.3479**, and **16.6902, 0.4577, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **32.1331, 0.4622, 0.3512**, and if you desaturate by 10%, it is **45.0176, 0.3903, 0.3436**.

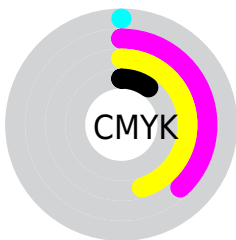
Distribution



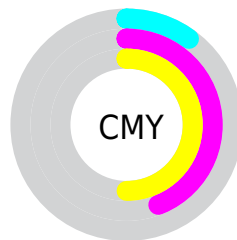
- Red (90%)
- Green (56%)
- Blue (50%)



- Red (90%)
- Yellow (57%)
- Blue (50%)



- Cyan (0%)
- Magenta (38%)
- Yellow (45%)
- Black (10%)





- Cyan (10%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0002, 0.4236, 0.3478 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 38.0002, 0.4236, 0.3478 by changing the saturation by 10% instead.


 38.0002, 0.4236,
0.3478


 38.0002, 0.4236,
0.3478

337.6208, 0.3658,
0.3405


 25.9828, 0.4386,
0.3488


 72.1084, 0.4021,
0.3457

 16.8108, 0.4581,
0.3495


 94.9681, 0.3942,
0.3448

 10.0997, 0.4842,
0.3494


 122.2107, 0.3875,
0.3439

 5.4651, 0.5209,
0.3471

154.2206, 0.3819,
0.3431

 2.5227, 0.5777,
0.3407

191.3821, 0.3770,
0.3424

 0.8879, 0.6769,
0.3231

234.0797, 0.3728,

 0.0000, 1.0000,

0.3417

0.0000

282.6979, 0.3691,
0.3411

0.0000, 0.0000,
0.0000

38.0002, 0.4236,
0.3478

38.0002, 0.4236,
0.3478

32.1331, 0.4622,
0.3512

45.0176, 0.3903,
0.3436

27.3491, 0.5047,
0.3532

53.2363, 0.3624,
0.3393

23.5828, 0.5480,
0.3529

62.7114, 0.3394,
0.3349


20.7592, 0.5869,
0.3497

73.4926, 0.3205,
0.3308

18.7927, 0.6159,
0.3438

85.6271, 0.3050,
0.3271

 18.0666, 0.6268,
0.3405

 95.5597, 0.2976,
0.3290

Harmonies

Analogous

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



38.0002, 0.3905, 0.3040



38.0002, 0.4236, 0.3478



38.0002, 0.4229, 0.3914

Triad

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



38.0002, 0.4236, 0.3478



38.0002, 0.2836, 0.4048



38.0002, 0.2347, 0.2393

Complementary

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



38.0002, 0.4236, 0.3478



58.3036, 0.2491, 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.



38.0002, 0.2123, 0.2553



38.0002, 0.4236, 0.3478



38.0002, 0.2380, 0.3500

Square

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



38.0002, 0.4236, 0.3478



38.0002, 0.3396, 0.4328



38.0002, 0.2132, 0.2939



38.0002, 0.2781, 0.2443

Rectangle

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



38.0002, 0.4236, 0.3478



38.0002, 0.4045, 0.4156



38.0002, 0.2132, 0.2939



38.0002, 0.2247, 0.2421

Sweetspot

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



38.0021, 0.4236, 0.3478



81.4660, 0.3359, 0.3342



36.8830, 0.3326, 0.2340



16.8247, 0.3405, 0.3352



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.



38.0021, 0.4236, 0.3478



40.9319, 0.4603, 0.3511



56.9091, 0.3959, 0.4043



14.7279, 0.3289, 0.3327



10.3429, 0.6247, 0.3422



0.8759, 0.5998, 0.3620

Inverse Universe

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



58.3036, 0.2491, 0.3085



69.6368, 0.2385, 0.3034



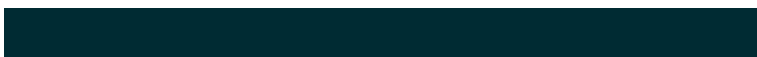
36.4363, 0.2369, 0.2388



15.9346, 0.2981, 0.3253



25.2873, 0.2108, 0.2789



1.9720, 0.2131, 0.2870

Previews

White Background



This preview shows how the Yxy color 38.0002, 0.4236, 0.3478 looks on a white background.

Color Contrast Check

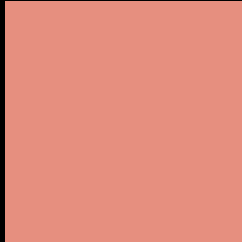
Large Text (above 18pt) WCAG AA × Fail

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 38.0002, 0.4236, 0.3478 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 38.0002, 0.4236, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 38.0002, 0.4236, 0.3478.



This preview shows how white text looks on a background with the Yxy color 38.0002, 0.4236, 0.3478.

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

38.0002, 0.4236, 0.3478

Protanopia

38.3375, 0.3474, 0.3686

Deuteranopia

37.9873, 0.3836, 0.3756



Tritanopia

38.1140, 0.4015, 0.3178

Trichromacy



Original Color

38.0002, 0.4236, 0.3478

Protanomaly

37.9107, 0.3742, 0.3610

Deuteranomaly

37.6730, 0.3980, 0.3647

Tritanomaly

37.9917, 0.4091, 0.3281

Monochromacy



Original Color

38.0002, 0.4236, 0.3478

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6679, 0.3503, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0002, 0.4236, 0.3478 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(230, 143, 127)` looks like.

```
.text, #text, p{  
    color:rgb(230, 143, 127)  
}
```

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(230, 143, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 143, 127) }
```

Border

The CSS property to change the border of an element to Yxy 38.0002, 0.4236, 0.3478 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(230, 143, 127) }
```

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

```
.border{ border-color:rgb(230, 143, 127) }
```

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

Here you see how a box with a 4 pixel rgb(230, 143, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 143, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 143, 127);  
box-shadow:4px 4px 4px 4px rgb(230, 143,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0002, 0.4236, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 143, 127) }
```

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

```
.background{ background-color: rgb(230,  
143, 127) }
```

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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