

Converting Colors

$Yxy(38.1879, 0.4144, 0.3557)$

Have a look what the booklet for
Yxy(38.1879, 0.4144, 0.3557)
contains.

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Color

Yxy(38.2158, 0.4139, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	DE947E
RGB	222, 148, 126
RGB Percent	87%, 58%, 49%
CMY	0.1294, 0.4196, 0.5059
CMYK	0.00, 0.33, 0.43, 0.13
HSL	14°, 59%, 68%
HSV	14°, 43%, 87%
XYZ	44.4812, 38.2158, 24.7715
YIQ	167.6180, 51.1660, 8.8460

Conversions

Conversions Part 2

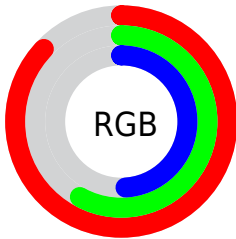
Format	Color
R _Y B	222, 155, 126
Decimal	14587006
CIE Lab	68.18, 25.35, 23.04
CIE LCh	68, 34.260, 42.268
Yxy	38.2158, 0.4139, 0.3556
Android (android.graphics.Color)	4292777086 (0xFFDE947E)
YUV	167.6180, -20.5177, 47.6930
Hunter-Lab	61.8189, 20.2548, 19.5151

Details

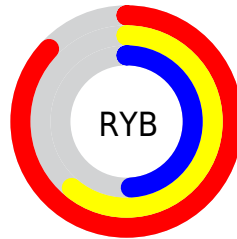
The Yxy color **38.2158, 0.4139, 0.3556** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.0209, 0.2494, 0.2998**, and the grayscale version is **39.0457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2265, 0.3726, 0.3541**, and **16.9777, 0.4443, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **32.7290, 0.4491, 0.3610**, and if you desaturate by 10%, it is **44.6272, 0.3833, 0.3494**.

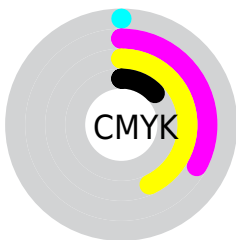
Distribution



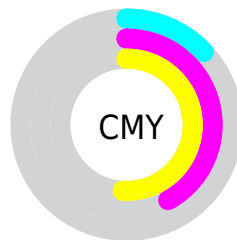
- Red (87%)
- Green (58%)
- Blue (49%)



- Red (87%)
- Yellow (61%)
- Blue (49%)



- Cyan (0%)
- Magenta (33%)
- Yellow (43%)
- Black (13%)





- Cyan (13%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2158, 0.4139, 0.3556 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 38.2158, 0.4139, 0.3556 by changing the saturation by 10% instead.


 38.2158, 0.4139,
0.3556


 38.2158, 0.4139,
0.3556


338.5448, 0.3612,
0.3440

 26.1502, 0.4275,
0.3578


 72.4388, 0.3943,
0.3519

 16.9361, 0.4453,
0.3601


 95.3650, 0.3871,
0.3503

 10.1889, 0.4691,
0.3623


 122.6802, 0.3811,
0.3489

 5.5244, 0.5024,
0.3633

154.7687, 0.3759,
0.3477

 2.5581, 0.5550,
0.3627

192.0151, 0.3715,
0.3466

 0.9057, 0.6462,
0.3538

234.8036, 0.3676,

 0.0000, 1.0000,

0.3457

0.0000

283.5187, 0.3642,
0.3448

0.0000, 0.0000,
0.0000

38.2158, 0.4139,
0.3556

38.2158, 0.4139,
0.3556

32.7290, 0.4491,
0.3610

44.6272, 0.3833,
0.3494

28.1180, 0.4881,
0.3647

51.9979, 0.3575,
0.3430

24.3378, 0.5285,
0.3657

60.3675, 0.3358,
0.3367

21.3370, 0.5666,
0.3631

69.7720, 0.3179,
0.3308

19.0580, 0.5978,
0.3565

80.2452, 0.3029,
0.3254

■ 17.8871, 0.6139,
0.3508

■ 91.5457, 0.2928,
0.3246

■ 94.2703, 0.2929,
0.3289

Harmonies

Analogous

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



38.2158, 0.3905, 0.3153



38.2158, 0.4139, 0.3556



38.2158, 0.4071, 0.3934

Triad

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



38.2158, 0.4139, 0.3556



38.2158, 0.2769, 0.3866



38.2158, 0.2498, 0.2476

Complementary

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



38.2158, 0.4139, 0.3556



51.0209, 0.2494, 0.2998

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.



38.2158, 0.2249, 0.2583



38.2158, 0.4139, 0.3556



38.2158, 0.2392, 0.3365

Square

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



38.2158, 0.4139, 0.3556



38.2158, 0.3263, 0.4179



38.2158, 0.2211, 0.2891



38.2158, 0.2925, 0.2559

Rectangle

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



38.2158, 0.4139, 0.3556



38.2158, 0.3875, 0.4123



38.2158, 0.2211, 0.2891



38.2158, 0.2393, 0.2490

Sweetspot

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



38.2177, 0.4139, 0.3556



82.8120, 0.3356, 0.3366



34.6797, 0.3382, 0.2436



17.1529, 0.3400, 0.3380



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.



38.2177, 0.4139, 0.3556



45.3878, 0.4460, 0.3606



55.9793, 0.3893, 0.4084



14.2076, 0.3286, 0.3344



10.7636, 0.6115, 0.3527



0.8811, 0.5815, 0.3764

Inverse Universe

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



51.0209, 0.2494, 0.2998



65.0283, 0.2382, 0.2925



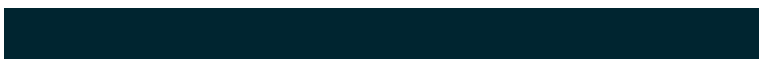
32.5594, 0.2382, 0.2335



15.0118, 0.2982, 0.3235



20.6366, 0.2038, 0.2536



1.5620, 0.2074, 0.2666

Previews

White Background



This preview shows how the Yxy color 38.2158, 0.4139, 0.3556 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 38.2158, 0.4139, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

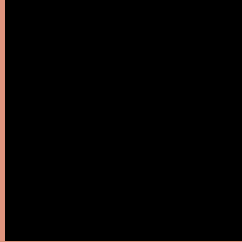
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2158, 0.4139, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 38.2158, 0.4139, 0.3556.



This preview shows how white text looks on a background with the Yxy color 38.2158, 0.4139, 0.3556.

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

38.2158, 0.4139, 0.3556

Protanopia

38.3408, 0.3520, 0.3742

Deuteranopia

38.4672, 0.3842, 0.3767



Tritanopia

38.3206, 0.3873, 0.3162

Trichromacy



Original Color

38.2158, 0.4139, 0.3556

Protanomaly

37.7724, 0.3737, 0.3667

Deuteranomaly

38.3794, 0.3944, 0.3688

Tritanomaly

38.1117, 0.3980, 0.3304

Monochromacy



Original Color

38.2158, 0.4139, 0.3556

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.4810, 0.3466, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2158, 0.4139, 0.3556 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(222, 148, 126)` looks like.

```
.text, #text, p{  
    color:rgb(222, 148, 126)  
}
```

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(222, 148, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 148, 126) }
```

Border

The CSS property to change the border of an element to Yxy 38.2158, 0.4139, 0.3556 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(222, 148, 126) }
```

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

```
.border{ border-color:rgb(222, 148, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 148, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 148, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 148, 126);  
box-shadow:4px 4px 4px 4px rgb(222, 148,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2158, 0.4139, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 148, 126) }
```

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

```
.background{ background-color: rgb(222,  
148, 126) }
```

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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