

Converting Colors

Yxy(50.5072, 0.4143, 0.3647)

Have a look what the booklet for
Yxy(50.5072, 0.4143, 0.3647)
contains.

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Color

Yxy(50.3586, 0.4141, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	F7AA8A
RGB	247, 170, 138
RGB Percent	97%, 67%, 54%
CMY	0.0314, 0.3333, 0.4588
CMYK	0.00, 0.31, 0.44, 0.03
HSL	18°, 87%, 75%
HSV	18°, 44%, 97%
XYZ	57.3213, 50.3586, 30.7439
YIQ	189.3750, 56.1640, 6.3720

Conversions

Conversions Part 2

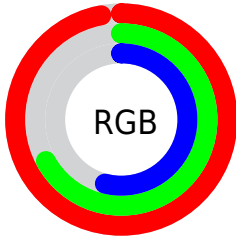
Format	Color
R_{YB}	247, 183, 138
Decimal	16231050
CIE _{Lab}	76.29, 24.64, 27.91
CIE _{LCh}	76, 37.231, 48.560
Yxy	50.3586, 0.4141, 0.3638
Android (android.graphics.Color)	4294421130 (0xFFF7AA8A)
YUV	189.3750, -25.3279, 50.5371
Hunter-Lab	70.9638, 19.9975, 23.9882

Details

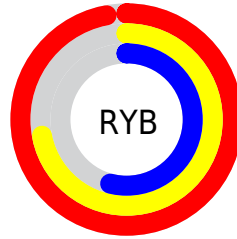
The Yxy color **50.3586, 0.4141, 0.3638** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **60.7214, 0.2464, 0.2901**, and the grayscale version is **51.2402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4585, 0.3567, 0.3636**, and **24.1185, 0.4417, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **43.6113, 0.4478, 0.3707**, and if you desaturate by 10%, it is **58.1418, 0.3845, 0.3559**.

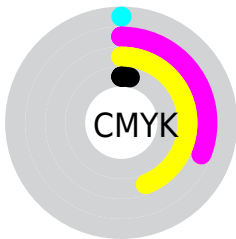
Distribution



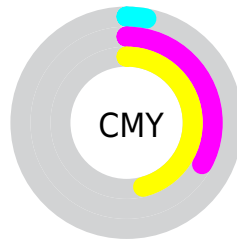
- Red (97%)
- Green (67%)
- Blue (54%)



- Red (97%)
- Yellow (72%)
- Blue (54%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (3%)





- Cyan (3%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3586, 0.4141, 0.3638 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 50.3586, 0.4141, 0.3638 by changing the saturation by 10% instead.


 50.3586, 0.4141,
0.3638


 50.3586, 0.4141,
0.3638


388.0666, 0.3638,
0.3489


 35.6984, 0.4263,
0.3667


 90.7060, 0.3960,
0.3590

 24.2014, 0.4418,
0.3699


 117.1619, 0.3891,
0.3570

 15.4831, 0.4618,
0.3734


 148.3186, 0.3833,
0.3552

 9.1591, 0.4886,
0.3765

184.5604, 0.3783,
0.3537

 4.8451, 0.5254,
0.3779

226.2717, 0.3740,
0.3523

 2.1567, 0.6065,
0.3913

273.8369, 0.3701,

 0.6962, 0.6577,

0.3510

0.3423

327.6404, 0.3668,
0.3499

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.3586, 0.4141,
0.3638

50.3586, 0.4141,
0.3638

43.6113, 0.4478,
0.3707

58.1418, 0.3845,
0.3559

37.8474, 0.4845,
0.3756

66.9957, 0.3590,
0.3477

33.0205, 0.5223,
0.3772

76.9625, 0.3374,
0.3396

29.0774, 0.5577,
0.3745

88.0798, 0.3193,
0.3320

■ 25.9581, 0.5870,
0.3670

■ 98.5151, 0.3078,
0.3290

■ 24.4770, 0.6007,
0.3612

Harmonies

Analogous

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



50.3586, 0.3970, 0.3236



50.3586, 0.4141, 0.3638



50.3586, 0.4013, 0.3996

Triad

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



50.3586, 0.4141, 0.3638



50.3586, 0.2681, 0.3765



50.3586, 0.2579, 0.2485

Complementary

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



50.3586, 0.4141, 0.3638



60.7214, 0.2464, 0.2901

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.



50.3586, 0.2291, 0.2550



50.3586, 0.4141, 0.3638



50.3586, 0.2343, 0.3257

Square

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



50.3586, 0.4141, 0.3638



50.3586, 0.3156, 0.4130



50.3586, 0.2208, 0.2815



50.3586, 0.3032, 0.2603

Rectangle

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



50.3586, 0.4141, 0.3638



50.3586, 0.3788, 0.4157



50.3586, 0.2208, 0.2815



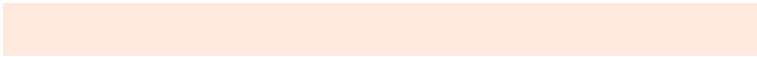
50.3586, 0.2462, 0.2485

Sweetspot

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



50.3611, 0.4141, 0.3638



84.0043, 0.3353, 0.3388



42.9167, 0.3461, 0.2481



17.4443, 0.3396, 0.3405



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.



50.3611, 0.4141, 0.3638



47.5909, 0.4441, 0.3701



74.5928, 0.3883, 0.4172



17.2752, 0.3286, 0.3360



13.1573, 0.5978, 0.3635



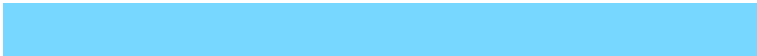
1.3269, 0.5734, 0.3829

Inverse Universe

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



60.7214, 0.2464, 0.2901



59.9671, 0.2347, 0.2807



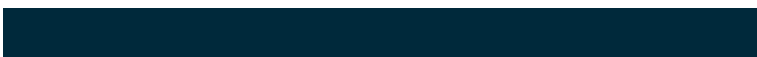
37.8259, 0.2345, 0.2210



17.8880, 0.2980, 0.3219



19.9183, 0.1973, 0.2304



1.9280, 0.2012, 0.2442

Previews

White Background



This preview shows how the Yxy color 50.3586, 0.4141, 0.3638 looks on a white background.

Color Contrast Check

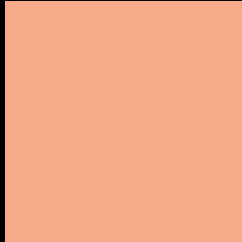
Large Text (above 18pt) WCAG AA × Fail

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 50.3586, 0.4141, 0.3638 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 50.3586, 0.4141, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 50.3586, 0.4141, 0.3638.



This preview shows how white text looks on a background with the Yxy color 50.3586, 0.4141, 0.3638.

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

50.3586, 0.4141, 0.3638

Protanopia

50.4593, 0.3576, 0.3818

Deuteranopia

50.6726, 0.3896, 0.3818



Tritanopia

50.4086, 0.3817, 0.3164

Trichromacy



Original Color

50.3586, 0.4141, 0.3638

Protanomaly

49.9363, 0.3781, 0.3746

Deuteranomaly

50.4062, 0.3979, 0.3748

Tritanomaly

50.4215, 0.3936, 0.3336

Monochromacy



Original Color

50.3586, 0.4141, 0.3638

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.0598, 0.3471, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3586, 0.4141, 0.3638 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(247, 170, 138)` looks like.

```
.text, #text, p{  
    color:rgb(247, 170, 138)  
}
```

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(247, 170, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 170, 138) }
```

Border

The CSS property to change the border of an element to Yxy 50.3586, 0.4141, 0.3638 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(247, 170, 138) }
```

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

```
.border{ border-color:rgb(247, 170, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 170, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 170, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 170, 138); box-shadow:4px 4px 4px 4px rgb(247, 170, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3586, 0.4141, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 170, 138) }
```

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

```
.background{ background-color: rgb(247,  
170, 138) }
```

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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