

Converting Colors

$Yxy(69.0565, 0.3535, 0.3562)$

Have a look what the booklet for
Yxy(69.0565, 0.3535, 0.3562)
contains.

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Color

Yxy(68.8345, 0.3538, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	F1D3BA
RGB	241, 211, 186
RGB Percent	95%, 83%, 73%
CMY	0.0550, 0.1725, 0.2705
CMYK	0.00, 0.12, 0.23, 0.05
HSL	27°, 66%, 84%
HSV	27°, 23%, 95%
XYZ	68.4283, 68.8345, 56.1468
YIQ	217.1200, 25.9050, -1.4150

Conversions

Conversions Part 2

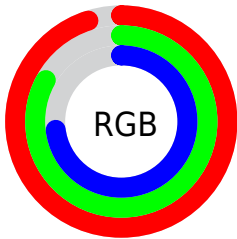
Format	Color
R _Y B	241, 232, 186
Decimal	15848378
CIE Lab	86.42, 6.65, 16.21
CIE LCh	86, 17.522, 67.681
Yxy	68.8345, 0.3538, 0.3559
Android (android.graphics.Color)	4294038458 (0xFFFF1D3BA)
YUV	217.1200, -15.3422, 20.9428
Hunter-Lab	82.9666, 2.0300, 17.9527

Details

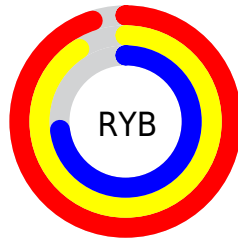
The Yxy color **68.8345, 0.3538, 0.3559** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.8963, 0.2767, 0.3005**, and the grayscale version is **69.5696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **35.9977, 0.3631, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **61.6329, 0.3762, 0.3684**, and if you desaturate by 10%, it is **76.7488, 0.3341, 0.3437**.

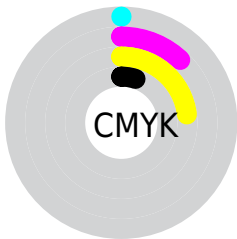
Distribution



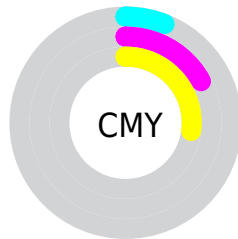
- Red (95%)
- Green (83%)
- Blue (73%)



- Red (95%)
- Yellow (91%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)
- Black (5%)




- Cyan (6%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8345, 0.3538, 0.3559 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 68.8345, 0.3538, 0.3559 by changing the saturation by 10% instead.

 68.8345, 0.3538,
0.3559

 68.8345, 0.3538,
0.3559


456.4470, 0.3345,
0.3436

 50.5769, 0.3583,
0.3587


 117.5452, 0.3470,
0.3517

 35.8720, 0.3638,
0.3621


148.7670, 0.3444,
0.3500

 24.3354, 0.3709,
0.3663


185.0792, 0.3422,
0.3486

 15.5826, 0.3802,
0.3717

226.8659, 0.3403,
0.3473

 9.2293, 0.3930,
0.3790

274.5117, 0.3385,
0.3462

 4.8910, 0.4114,
0.3889

328.4009, 0.3370,

 2.1835, 0.4406,

0.3452

0.4032

388.9179, 0.3357,
0.3444

0.7110, 0.5411,
0.4589

0.0000, 0.0000,
0.0000

68.8345, 0.3538,
0.3559

68.8345, 0.3538,
0.3559

61.6329, 0.3762,
0.3684

76.7488, 0.3341,
0.3437

55.1134, 0.4015,
0.3806

85.3869, 0.3171,
0.3321

49.2564, 0.4292,
0.3918

94.5556, 0.3042,
0.3245

44.0380, 0.4587,
0.4008

97.4364, 0.3041,
0.3290

■ 39.4321, 0.4886,
0.4064

■ 35.4103, 0.5169,
0.4072

■ 31.9407, 0.5415,
0.4025

■ 29.7584, 0.5566,
0.3963

Harmonies

Analogous

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



68.8345, 0.3541, 0.3395



68.8345, 0.3538, 0.3559



68.8345, 0.3422, 0.3658

Triad

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



68.8345, 0.3538, 0.3559



68.8345, 0.2832, 0.3361



68.8345, 0.3015, 0.2952

Complementary

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



68.8345, 0.3538, 0.3559



65.8963, 0.2767, 0.3005

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.



68.8345, 0.2833, 0.2934



68.8345, 0.3538, 0.3559



68.8345, 0.2731, 0.3162

Square

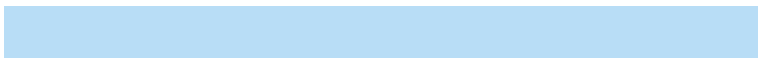
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.8345, 0.3538, 0.3559



68.8345, 0.3013, 0.3546



68.8345, 0.2731, 0.3007



68.8345, 0.3233, 0.3053

Rectangle

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



68.8345, 0.3538, 0.3559



68.8345, 0.3298, 0.3670



68.8345, 0.2731, 0.3007



68.8345, 0.2948, 0.2936

Sweetspot

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



68.8376, 0.3538, 0.3559



92.8498, 0.3240, 0.3369



58.7951, 0.3346, 0.2969



19.7459, 0.3250, 0.3376



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.



68.8376, 0.3538, 0.3559



74.6744, 0.3631, 0.3612



83.5243, 0.3478, 0.3833



16.9429, 0.3282, 0.3398



16.4030, 0.5539, 0.3984



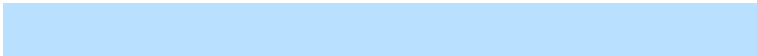
1.5610, 0.5317, 0.4160

Inverse Universe

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



65.8963, 0.2767, 0.3005



70.8231, 0.2698, 0.2944



53.0887, 0.2742, 0.2682



16.6571, 0.2980, 0.3180



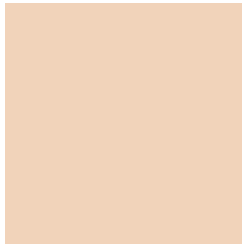
12.5791, 0.1815, 0.1732



1.2451, 0.1876, 0.1954

Previews

White Background



This preview shows how the Yxy color 68.8345, 0.3538, 0.3559 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 68.8345, 0.3538, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

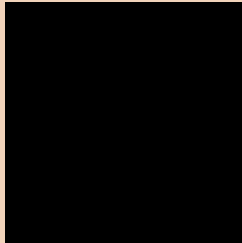
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

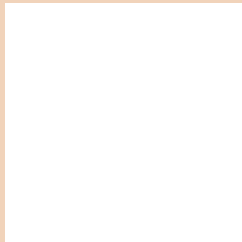
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8345, 0.3538, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 68.8345, 0.3538, 0.3559.



This preview shows how white text looks on a background with the Yxy color 68.8345, 0.3538, 0.3559.

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

68.8345, 0.3538, 0.3559

Protanopia

69.0735, 0.3404, 0.3600

Deuteranopia

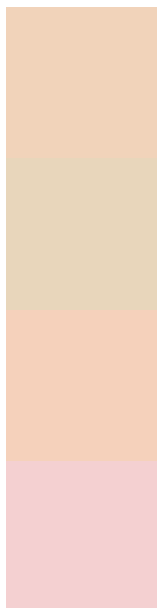
68.6561, 0.3593, 0.3513



Tritanopia

68.8290, 0.3310, 0.3124

Trichromacy



Original Color

68.8345, 0.3538, 0.3559

Protanomaly

68.8368, 0.3454, 0.3586

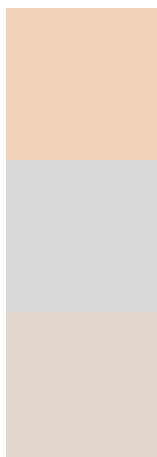
Deuteranomaly

68.6013, 0.3567, 0.3525

Tritanomaly

68.9483, 0.3396, 0.3280

Monochromacy



Original Color

68.8345, 0.3538, 0.3559

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.2259, 0.3271, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8345, 0.3538, 0.3559 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(241, 211, 186)` looks like.

```
.text, #text, p{  
    color:rgb(241, 211, 186)  
}
```

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(241, 211, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 211, 186) }
```

Border

The CSS property to change the border of an element to Yxy 68.8345, 0.3538, 0.3559 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(241, 211, 186) }
```

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

```
.border{ border-color:rgb(241, 211, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 211, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 211, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 211, 186);  
box-shadow:4px 4px 4px 4px rgb(241, 211,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8345, 0.3538, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 211, 186) }
```

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

```
.background{ background-color: rgb(241,  
211, 186) }
```

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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