

Converting Colors

$Y_{xy}(71.7282, 0.3539, 0.3547)$

Have a look what the booklet for
Yxy(71.7282, 0.3539, 0.3547)
contains.

Yxy(71.9114, 0.3539, 0.3554)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.9114, 0.3539, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	F6D7BE
RGB	246, 215, 190
RGB Percent	96%, 84%, 75%
CMY	0.0352, 0.1569, 0.2549
CMYK	0.00, 0.13, 0.23, 0.04
HSL	27°, 76%, 85%
HSV	27°, 23%, 96%
XYZ	71.6079, 71.9114, 58.8200
YIQ	221.4190, 26.5010, -1.2030

Conversions

Conversions Part 2

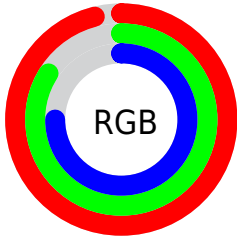
Format	Color
R_{YB}	246, 235, 190
Decimal	16177086
CIE _{Lab}	87.93, 7.01, 16.30
CIE _{LCh}	88, 17.739, 66.731
Yxy	71.9114, 0.3539, 0.3554
Android (android.graphics.Color)	4294367166 (0xFFFF6D7BE)
YUV	221.4190, -15.4896, 21.5575
Hunter-Lab	84.8006, 2.3292, 18.2352

Details

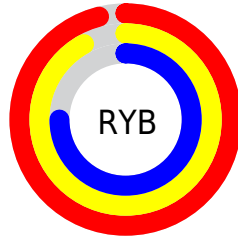
The Yxy color **71.9114, 0.3539, 0.3554** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3325, 0.2768, 0.3010**, and the grayscale version is **72.7170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **37.7666, 0.3633, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **64.2749, 0.3765, 0.3677**, and if you desaturate by 10%, it is **80.3140, 0.3341, 0.3434**.

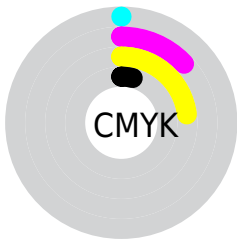
Distribution



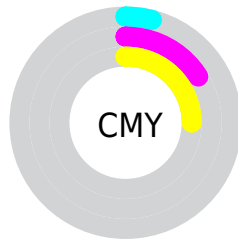
- Red (96%)
- Green (84%)
- Blue (75%)



- Red (96%)
- Yellow (92%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9114, 0.3539, 0.3554 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 71.9114, 0.3539, 0.3554 by changing the saturation by 10% instead.


 71.9114, 0.3539,
0.3554

 71.9114, 0.3539,
0.3554


467.2332, 0.3347,
0.3434

 53.0863, 0.3583,
0.3581


 121.9306, 0.3472,
0.3513

 37.8717, 0.3638,
0.3613


153.8934, 0.3446,
0.3497

 25.8831, 0.3707,
0.3654


191.0043, 0.3424,
0.3483

 16.7362, 0.3798,
0.3706

233.6476, 0.3404,
0.3471

 10.0466, 0.3921,
0.3774

282.2078, 0.3387,
0.3460

 5.4299, 0.4098,
0.3866

337.0692, 0.3372,

 2.5016, 0.4371,

0.3450

0.3996

398.6161, 0.3359,
0.3442

0.8774, 0.5365,
0.4635

0.0000, 0.0000,
0.0000

71.9114, 0.3539,
0.3554

71.9114, 0.3539,
0.3554

64.2749, 0.3765,
0.3677

80.3140, 0.3341,
0.3434

57.3717, 0.4020,
0.3797

89.4950, 0.3170,
0.3320

51.1805, 0.4300,
0.3907

98.3380, 0.3072,
0.3290

45.6753, 0.4599,
0.3995

■ 40.8280, 0.4902,
0.4048

■ 36.6079, 0.5190,
0.4054

■ 32.9803, 0.5440,
0.4005

■ 30.6987, 0.5593,
0.3941

Harmonies

Analogous

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



71.9114, 0.3538, 0.3389



71.9114, 0.3539, 0.3554



71.9114, 0.3426, 0.3656

Triad

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



71.9114, 0.3539, 0.3554



71.9114, 0.2837, 0.3367



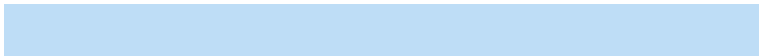
71.9114, 0.3009, 0.2951

Complementary

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



71.9114, 0.3539, 0.3554



69.3325, 0.2768, 0.3010

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.



71.9114, 0.2829, 0.2936



71.9114, 0.3539, 0.3554



71.9114, 0.2733, 0.3168

Square

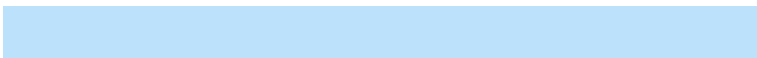
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9114, 0.3539, 0.3554



71.9114, 0.3020, 0.3551



71.9114, 0.2730, 0.3012



71.9114, 0.3226, 0.3049

Rectangle

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



71.9114, 0.3539, 0.3554



71.9114, 0.3304, 0.3669



71.9114, 0.2730, 0.3012



71.9114, 0.2942, 0.2936

Sweetspot

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



71.9147, 0.3539, 0.3554



92.7567, 0.3240, 0.3368



61.6852, 0.3338, 0.2959



19.7243, 0.3250, 0.3375



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.



71.9147, 0.3539, 0.3554



74.3685, 0.3632, 0.3606



86.9948, 0.3479, 0.3824



17.6996, 0.3282, 0.3396



16.6518, 0.5565, 0.3963



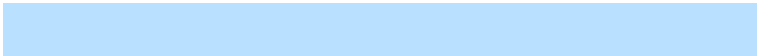
1.6653, 0.5351, 0.4133

Inverse Universe

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



69.3325, 0.2768, 0.3010



71.1417, 0.2699, 0.2950



56.0683, 0.2743, 0.2693



17.4488, 0.2980, 0.3182



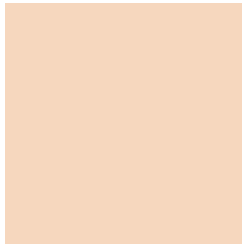
13.2723, 0.1822, 0.1761



1.3714, 0.1880, 0.1968

Previews

White Background



This preview shows how the Yxy color 71.9114, 0.3539, 0.3554 looks on a white background.

Color Contrast Check

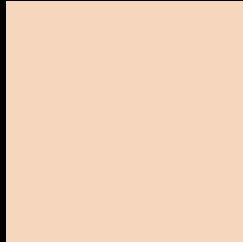
Large Text (above 18pt) WCAG AA × Fail

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 71.9114, 0.3539, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

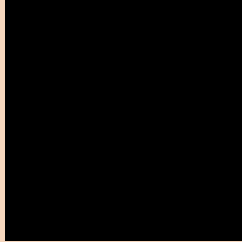
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.9114, 0.3539, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 71.9114, 0.3539, 0.3554.



This preview shows how white text looks on a background with the Yxy color 71.9114, 0.3539, 0.3554.

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

71.9114, 0.3539, 0.3554

Protanopia

72.0256, 0.3392, 0.3584

Deuteranopia

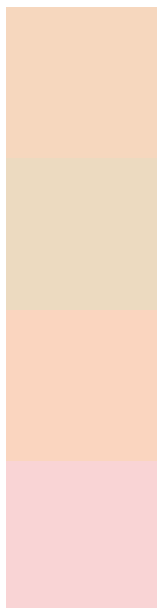
71.7312, 0.3593, 0.3508



Tritanopia

71.9082, 0.3314, 0.3128

Trichromacy



Original Color

71.9114, 0.3539, 0.3554

Protanomaly

71.7814, 0.3441, 0.3571

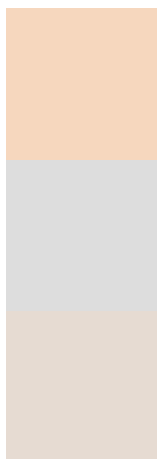
Deuteranomaly

71.6741, 0.3567, 0.3520

Tritanomaly

72.0308, 0.3398, 0.3280

Monochromacy



Original Color

71.9114, 0.3539, 0.3554

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.1392, 0.3268, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9114, 0.3539, 0.3554 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(246, 215, 190)` looks like.

```
.text, #text, p{  
    color:rgb(246, 215, 190)  
}
```

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(246, 215, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 215, 190) }
```

Border

The CSS property to change the border of an element to Yxy 71.9114, 0.3539, 0.3554 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(246, 215, 190) }
```

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

```
.border{ border-color:rgb(246, 215, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 215, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 215, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 215, 190);  
box-shadow:4px 4px 4px 4px rgb(246, 215,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9114, 0.3539, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 215, 190) }
```

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

```
.background{ background-color: rgb(246,  
215, 190) }
```

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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