

Converting Colors

$Y_{xy}(100.0000, 0.4195, 0.3476)$

Have a look what the booklet for
Yxy(100.0000, 0.4195, 0.3476)
contains.

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Color

Yxy(78.1589, 0.3525, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFC7
RGB	255, 223, 199
RGB Percent	100%, 87%, 78%
CMY	0.0000, 0.1255, 0.2197
CMYK	0.00, 0.13, 0.22, 0.00
HSL	26°, 100%, 89%
HSV	26°, 22%, 100%
XYZ	77.9378, 78.1589, 65.0034
YIQ	229.8320, 26.7760, -0.6800

Conversions

Conversions Part 2

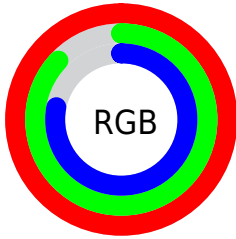
Format	Color
R _Y B	255, 241, 199
Decimal	16768967
CIE Lab	90.85, 7.42, 15.82
CIE LCh	91, 17.478, 64.867
Yxy	78.1589, 0.3525, 0.3535
Android (android.graphics.Color)	4294959047 (0xFFFFDFC7)
YUV	229.8320, -15.2002, 22.0723
Hunter-Lab	88.4075, 2.6478, 18.2911

Details

The Yxy color **78.1589, 0.3525, 0.3535** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5039, 0.2781, 0.3032**, and the grayscale version is **79.0996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0554, 0.3620, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **69.6215, 0.3752, 0.3653**, and if you desaturate by 10%, it is **87.5678, 0.3328, 0.3420**.

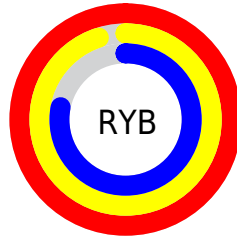
Distribution



Red (100%)

Green (87%)

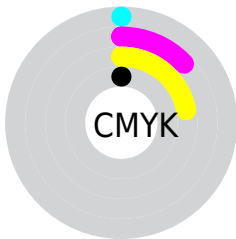
Blue (78%)



Red (100%)

Yellow (95%)

Blue (78%)

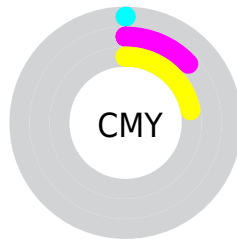


Cyan (0%)

Magenta (13%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1589, 0.3525, 0.3535 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 78.1589, 0.3525, 0.3535 by changing the saturation by 10% instead.


 78.1589, 0.3525,
0.3535

 78.1589, 0.3525,
0.3535


488.7063, 0.3342,
0.3426

 58.2045, 0.3566,
0.3559


130.7741, 0.3462,
0.3498

 41.9731, 0.3617,
0.3588

164.2037, 0.3437,
0.3483

 29.0802, 0.3681,
0.3624


202.8938, 0.3416,
0.3470

 19.1415, 0.3765,
0.3670

247.2289, 0.3397,
0.3459

 11.7726, 0.3876,
0.3729

297.5933, 0.3381,
0.3449

 6.5890, 0.4034,
0.3809

354.3714, 0.3367,

 3.2064, 0.4273,

0.3441

0.3920

417.9476, 0.3354,
0.3433

1.2404, 0.4962,
0.4333

0.0944, 0.7417,
0.2583

78.1589, 0.3525,
0.3535

78.1589, 0.3525,
0.3535

69.6215, 0.3752,
0.3653

87.5678, 0.3328,
0.3420

61.9239, 0.4009,
0.3770

97.8686, 0.3158,
0.3311

55.0396, 0.4294,
0.3876

100.0000, 0.3127,
0.3290

48.9386, 0.4600,
0.3963

■ 43.5885, 0.4912,
0.4015

■ 38.9542, 0.5211,
0.4021

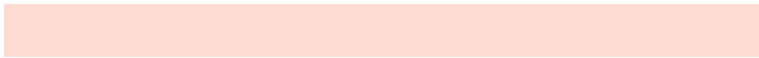
■ 34.9962, 0.5472,
0.3972

■ 32.2686, 0.5647,
0.3898

Harmonies

Analogous

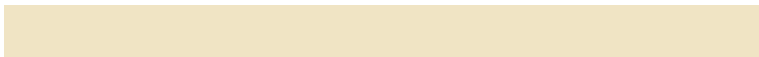
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1589, 0.3517, 0.3375



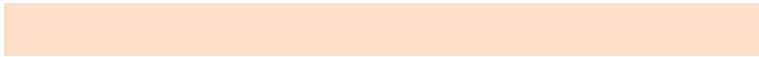
78.1589, 0.3525, 0.3535



78.1589, 0.3423, 0.3637

Triad

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



78.1589, 0.3525, 0.3535



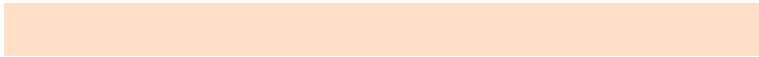
78.1589, 0.2858, 0.3376



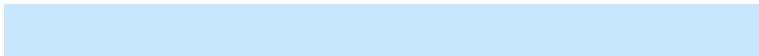
78.1589, 0.3002, 0.2961

Complementary

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



78.1589, 0.3525, 0.3535



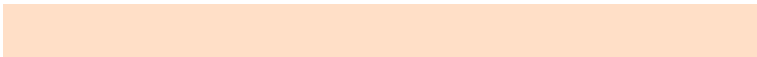
76.5039, 0.2781, 0.3032

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.



78.1589, 0.2833, 0.2952



78.1589, 0.3525, 0.3535



78.1589, 0.2753, 0.3185

Square

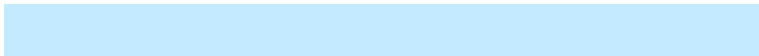
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1589, 0.3525, 0.3535



78.1589, 0.3037, 0.3548



78.1589, 0.2744, 0.3031



78.1589, 0.3209, 0.3051

Rectangle

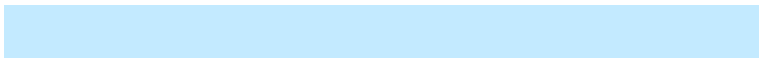
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1589, 0.3525, 0.3535



78.1589, 0.3309, 0.3654



78.1589, 0.2744, 0.3031



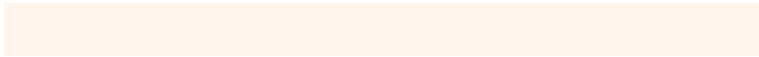
78.1589, 0.2939, 0.2948

Sweetspot

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



78.1606, 0.3525, 0.3535



92.5691, 0.3240, 0.3365



67.9088, 0.3323, 0.2962



19.6809, 0.3250, 0.3371



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.



78.1606, 0.3525, 0.3535



74.6122, 0.3613, 0.3583



93.9610, 0.3469, 0.3797



19.2677, 0.3284, 0.3392



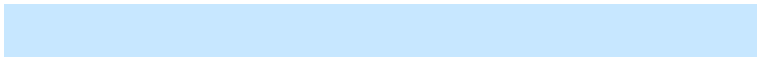
17.1434, 0.5618, 0.3921



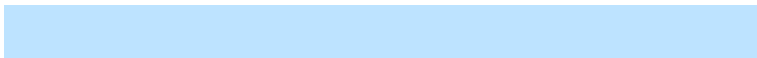
1.8809, 0.5418, 0.4080

Inverse Universe

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



76.5039, 0.2781, 0.3032



72.7055, 0.2716, 0.2978



62.3832, 0.2758, 0.2726



19.1005, 0.2979, 0.3186



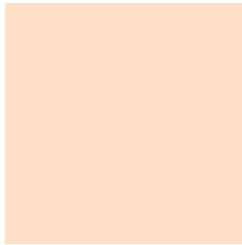
14.7633, 0.1839, 0.1818



1.6544, 0.1889, 0.2001

Previews

White Background



This preview shows how the Yxy color 78.1589, 0.3525, 0.3535 looks on a white background.

Color Contrast Check

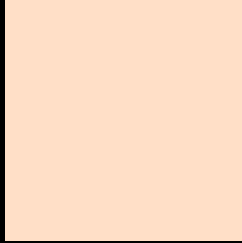
Large Text (above 18pt) WCAG AA × Fail

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 78.1589, 0.3525, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

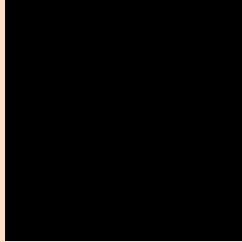
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.1589, 0.3525, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 78.1589, 0.3525, 0.3535.

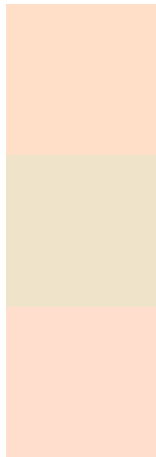


This preview shows how white text looks on a background with the Yxy color 78.1589, 0.3525, 0.3535.

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

78.1589, 0.3525, 0.3535

Protanopia

78.1018, 0.3377, 0.3564

Deuteranopia

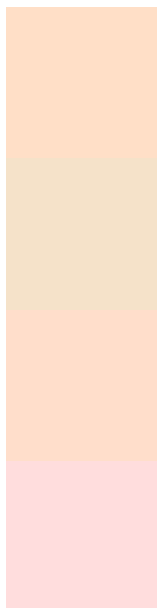
77.9588, 0.3477, 0.3453



Tritanopia

78.3869, 0.3284, 0.3151

Trichromacy



Original Color

78.1589, 0.3525, 0.3535

Protanomaly

78.0222, 0.3431, 0.3550

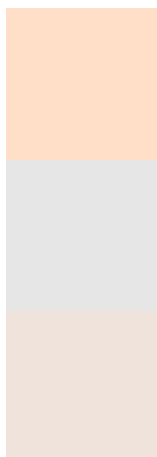
Deuteranomaly

77.8143, 0.3498, 0.3484

Tritanomaly

78.1934, 0.3373, 0.3291

Monochromacy



Original Color

78.1589, 0.3525, 0.3535

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.4034, 0.3264, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1589, 0.3525, 0.3535 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(255, 223, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 199)  
}
```

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(255, 223, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 199) }
```

Border

The CSS property to change the border of an element to Yxy 78.1589, 0.3525, 0.3535 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(255, 223, 199) }
```

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

```
.border{ border-color:rgb(255, 223, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 223, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 223, 199); box-shadow:4px 4px 4px 4px rgb(255, 223, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1589, 0.3525, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 199) }
```

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

```
.background{ background-color: rgb(255,  
223, 199) }
```

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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