

Converting Colors

$Y_{xy}(85.4237, 0.3718, 0.3626)$

Have a look what the booklet for
Yxy(85.4237, 0.3718, 0.3626)
contains.

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Color

Yxy(81.1489, 0.3554, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5C1
RGB	255, 229, 193
RGB Percent	100%, 90%, 76%
CMY	0.0000, 0.1020, 0.2431
CMYK	0.00, 0.10, 0.24, 0.00
HSL	35°, 100%, 88%
HSV	35°, 24%, 100%
XYZ	78.9065, 81.1489, 61.9662
YIQ	232.6700, 27.0520, -5.6840

Conversions

Conversions Part 2

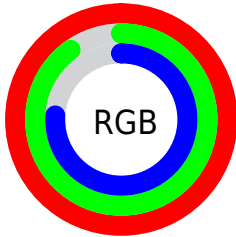
Format	Color
R _Y B	238, 255, 193
Decimal	16770497
CIE Lab	92.20, 3.55, 20.81
CIE LCh	92, 21.109, 80.307
Yxy	81.1489, 0.3554, 0.3655
Android (android.graphics.Color)	4294960577 (0xFFFFE5C1)
YUV	232.6700, -19.5573, 19.5834
Hunter-Lab	90.0827, -1.2905, 22.2734

Details

The Yxy color **81.1489, 0.3554, 0.3655** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.2430, 0.2734, 0.2895**, and the grayscale version is **81.3503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **44.1420, 0.3654, 0.3744** is the 20% darker color. If you saturate the color by 10%, you get **74.3547, 0.3763, 0.3812**, and if you desaturate by 10%, it is **88.4839, 0.3364, 0.3500**.

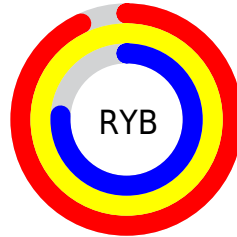
Distribution



Red (100%)

Green (90%)

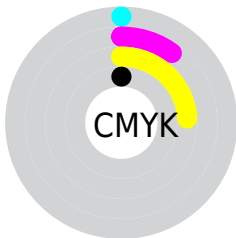
Blue (76%)



Red (93%)

Yellow (100%)

Blue (76%)

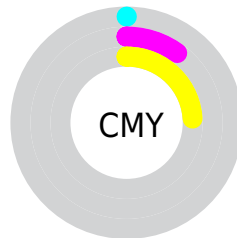


Cyan (0%)

Magenta (10%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1489, 0.3554, 0.3655 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 81.1489, 0.3554, 0.3655 by changing the saturation by 10% instead.


 81.1489, 0.3554,
0.3655

 81.1489, 0.3554,
0.3655


498.7963, 0.3360,
0.3491

 60.6642, 0.3597,
0.3691


 134.9798, 0.3487,
0.3599

 43.9543, 0.3650,
0.3735


169.0949, 0.3461,
0.3577

 30.6345, 0.3716,
0.3789


208.5222, 0.3439,
0.3558

 20.3207, 0.3801,
0.3857

253.6461, 0.3419,
0.3542

 12.6284, 0.3913,
0.3947

304.8511, 0.3402,
0.3527

 7.1732, 0.4068,
0.4067

362.5216, 0.3386,

 3.5706, 0.4290,

0.3514

0.4234

427.0418, 0.3372,
0.3502

■ 1.4364, 0.5062,
0.4885

■ 0.2433, 0.5665,
0.4335

■ 81.1489, 0.3554,
0.3655

■ 81.1489, 0.3554,
0.3655

■ 74.3547, 0.3763,
0.3812

■ 88.4839, 0.3364,
0.3500

■ 68.1158, 0.3991,
0.3964

■ 96.4066, 0.3194,
0.3351

■ 62.4042, 0.4231,
0.4103

100.0000, 0.3127,
0.3290

■ 57.2009, 0.4476,
0.4216

■ 52.4850, 0.4713,
0.4292

■ 48.2334, 0.4928,
0.4319

■ 44.4192, 0.5108,
0.4291

■ 42.4241, 0.5198,
0.4255

Harmonies

Analogous

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



81.1489, 0.3615, 0.3492



81.1489, 0.3554, 0.3655



81.1489, 0.3377, 0.3726

Triad

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



81.1489, 0.3554, 0.3655



81.1489, 0.2730, 0.3271



81.1489, 0.3102, 0.2945

Complementary

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



81.1489, 0.3554, 0.3655



69.2430, 0.2734, 0.2895

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.



81.1489, 0.2871, 0.2882



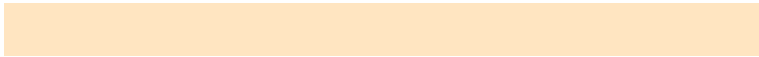
81.1489, 0.3554, 0.3655



81.1489, 0.2662, 0.3059

Square

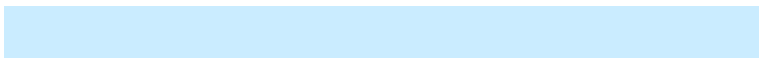
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1489, 0.3554, 0.3655



81.1489, 0.2901, 0.3501



81.1489, 0.2713, 0.2920



81.1489, 0.3348, 0.3091

Rectangle

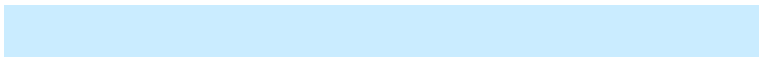
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1489, 0.3554, 0.3655



81.1489, 0.3220, 0.3704



81.1489, 0.2713, 0.2920



81.1489, 0.3020, 0.2914

Sweetspot

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



81.1386, 0.3553, 0.3655



94.2149, 0.3238, 0.3391



64.5689, 0.3421, 0.3017



20.0620, 0.3248, 0.3400



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

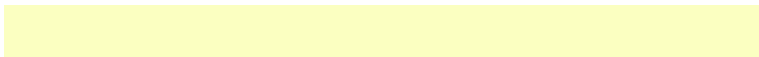
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1386, 0.3553, 0.3655



77.8856, 0.3650, 0.3729



95.8558, 0.3468, 0.3905



19.7379, 0.3280, 0.3428



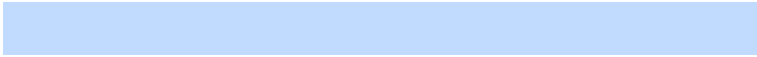
22.4695, 0.5177, 0.4272



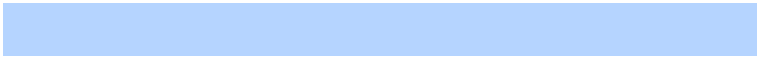
2.4040, 0.5034, 0.4385

Inverse Universe

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



69.2430, 0.2734, 0.2895



64.1840, 0.2654, 0.2807



57.2587, 0.2737, 0.2603



18.6309, 0.2979, 0.3148



9.5521, 0.1699, 0.1317



1.1403, 0.1761, 0.1539

Previews

White Background



This preview shows how the Yxy color 81.1489, 0.3554, 0.3655 looks on a white background.

Color Contrast Check

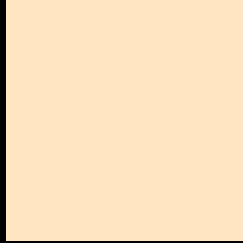
Large Text (above 18pt) WCAG AA × Fail

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 81.1489, 0.3554, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

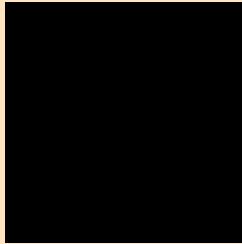
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.1489, 0.3554, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 81.1489, 0.3554, 0.3655.

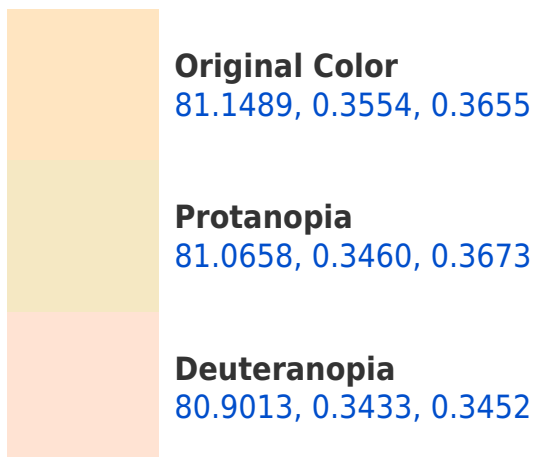


This preview shows how white text looks on a background with the Yxy color 81.1489, 0.3554, 0.3655.

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

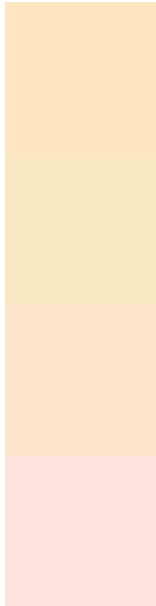




Tritanopia

81.2835, 0.3252, 0.3162

Trichromacy



Original Color

81.1489, 0.3554, 0.3655

Protanomaly

81.1866, 0.3498, 0.3670

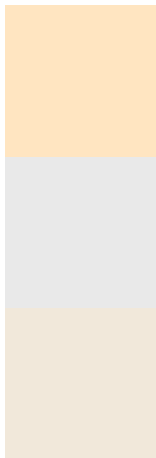
Deuteranomaly

81.1064, 0.3480, 0.3533

Tritanomaly

80.9266, 0.3359, 0.3331

Monochromacy



Original Color

81.1489, 0.3554, 0.3655

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.4760, 0.3279, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1489, 0.3554, 0.3655 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, 229, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 193)  
}
```

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, 229, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 193) }
```

Border

The CSS property to change the border of an element to Yxy 81.1489, 0.3554, 0.3655 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, 229, 193) }
```

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

```
.border{ border-color:rgb(255, 229, 193) }
```

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

Here you see how a box with a 4 pixel rgb(255, 229, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1489, 0.3554, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 193) }
```

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

```
.background{ background-color: rgb(255,  
229, 193) }
```

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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