

Converting Colors

$Yxy(81.2867, 0.3464, 0.3562)$

Have a look what the booklet for
Yxy(81.2867, 0.3464, 0.3562)
contains.

Yxy(81.0459, 0.3463, 0.3555)	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(81.0459, 0.3463, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	FCE5CB
RGB	252, 229, 203
RGB Percent	99%, 90%, 80%
CMY	0.0117, 0.1020, 0.2039
CMYK	0.00, 0.09, 0.19, 0.01
HSL	32°, 89%, 89%
HSV	32°, 19%, 99%
XYZ	78.9485, 81.0459, 67.9828
YIQ	232.9130, 22.0540, -3.2100

Conversions

Conversions Part 2

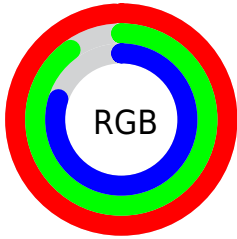
Format	Color
R _Y B	246, 252, 203
Decimal	16573899
CIE Lab	92.15, 3.84, 15.53
CIE LCh	92, 15.996, 76.128
Yxy	81.0459, 0.3463, 0.3555
Android (android.graphics.Color)	4294763979 (0xFFFC E5CB)
YUV	232.9130, -14.7471, 16.7393
Hunter-Lab	90.0255, -1.0078, 18.2450

Details

The Yxy color **81.0459, 0.3463, 0.3555** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.1302, 0.2818, 0.3010**, and the grayscale version is **81.5210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0441, 0.3537, 0.3617** is the 20% darker color. If you saturate the color by 10%, you get **73.6162, 0.3669, 0.3699**, and if you desaturate by 10%, it is **89.1247, 0.3280, 0.3415**.

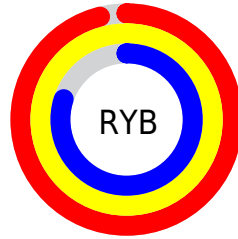
Distribution



Red (99%)

Green (90%)

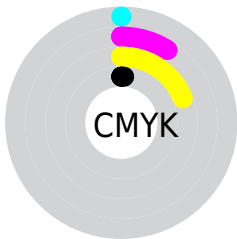
Blue (80%)



Red (96%)

Yellow (99%)

Blue (80%)

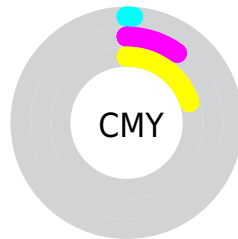


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (1%)



Cyan (1%)


Magenta (10%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.0459, 0.3463, 0.3555 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 81.0459, 0.3463, 0.3555 by changing the saturation by 10% instead.


 81.0459, 0.3463,
0.3555

 81.0459, 0.3463,
0.3555

498.4506, 0.3310,
0.3436

 60.5794, 0.3497,
0.3581

134.8352, 0.3410,
0.3514

 43.8858, 0.3539,
0.3613


168.9268, 0.3390,
0.3498

 30.5808, 0.3592,
0.3653


208.3289, 0.3372,
0.3485

 20.2798, 0.3660,
0.3704

253.4259, 0.3356,
0.3472

 12.5986, 0.3751,
0.3771

304.6022, 0.3343,
0.3462

 7.1527, 0.3878,
0.3862

362.2421, 0.3331,

 3.5578, 0.4068,

0.3452

0.3994

426.7301, 0.3320,
0.3444

■ 1.4294, 0.4520,
0.4331

■ 0.2383, 0.5733,
0.4267

■ 81.0459, 0.3463,
0.3555

■ 81.0459, 0.3463,
0.3555

■ 73.6162, 0.3669,
0.3699

■ 89.1247, 0.3280,
0.3415

■ 66.8064, 0.3898,
0.3842

■ 97.8590, 0.3119,
0.3283

■ 60.6009, 0.4147,
0.3977

■ 99.4389, 0.3109,
0.3290

■ 54.9791, 0.4409,
0.4093

■ 49.9187, 0.4674,
0.4179

■ 45.3955, 0.4926,
0.4220

■ 41.3820, 0.5149,
0.4207

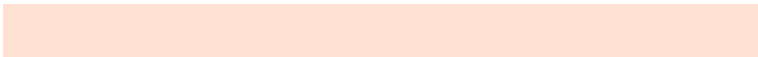
■ 37.8410, 0.5335,
0.4143

■ 37.6577, 0.5344,
0.4138

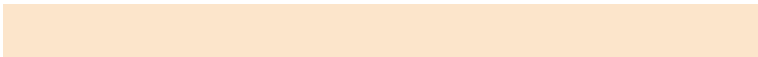
Harmonies

Analogous

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



81.0459, 0.3494, 0.3426



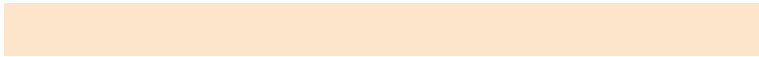
81.0459, 0.3463, 0.3555



81.0459, 0.3340, 0.3617

Triad

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



81.0459, 0.3463, 0.3555



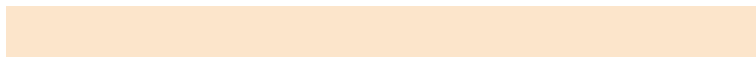
81.0459, 0.2839, 0.3302



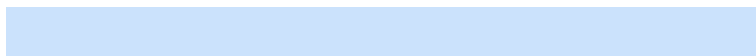
81.0459, 0.3083, 0.3014

Complementary

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



81.0459, 0.3463, 0.3555



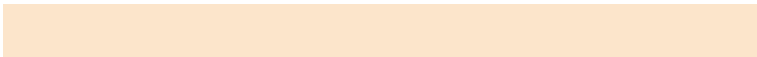
74.1302, 0.2818, 0.3010

Split Complementary

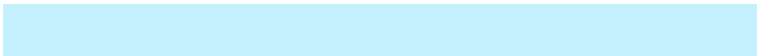
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0459, 0.2912, 0.2977



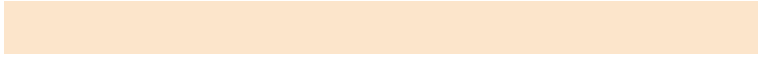
81.0459, 0.3463, 0.3555



81.0459, 0.2774, 0.3137

Square

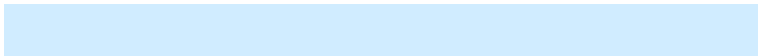
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0459, 0.3463, 0.3555



81.0459, 0.2980, 0.3470



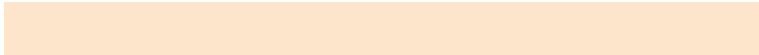
81.0459, 0.2800, 0.3020



81.0459, 0.3271, 0.3119

Rectangle

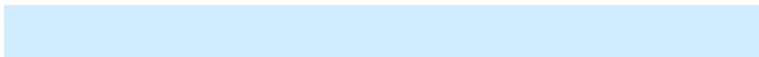
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.0459, 0.3463, 0.3555



81.0459, 0.3225, 0.3608



81.0459, 0.2800, 0.3020



81.0459, 0.3021, 0.2994

Sweetspot

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



81.0495, 0.3463, 0.3555



94.5546, 0.3222, 0.3369



68.9411, 0.3332, 0.3050



20.1149, 0.3233, 0.3378



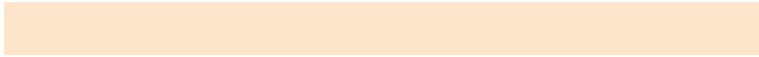
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

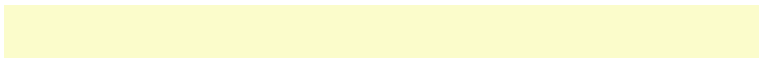
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0495, 0.3463, 0.3555



80.4503, 0.3534, 0.3606



94.4908, 0.3416, 0.3777



18.7495, 0.3281, 0.3416



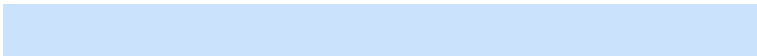
19.9112, 0.5320, 0.4158



2.0564, 0.5149, 0.4294

Inverse Universe

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



74.1302, 0.2818, 0.3010



72.2562, 0.2759, 0.2952



62.5544, 0.2808, 0.2754



17.9871, 0.2980, 0.3161



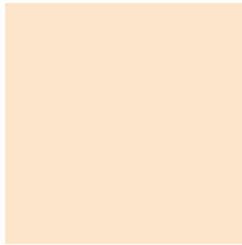
10.7419, 0.1743, 0.1475



1.2051, 0.1805, 0.1699

Previews

White Background



This preview shows how the Yxy color 81.0459, 0.3463, 0.3555 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 81.0459, 0.3463, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

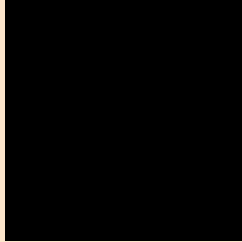
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.0459, 0.3463, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 81.0459, 0.3463, 0.3555.

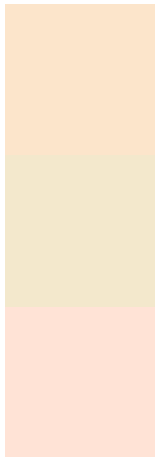


This preview shows how white text looks on a background with the Yxy color 81.0459, 0.3463, 0.3555.

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

81.0459, 0.3463, 0.3555

Protanopia

81.1275, 0.3386, 0.3580

Deuteranopia

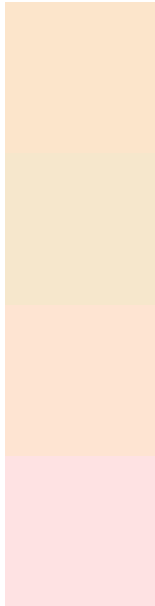
81.0532, 0.3413, 0.3421



Tritanopia

80.8626, 0.3240, 0.3133

Trichromacy



Original Color

81.0459, 0.3463, 0.3555

Protanomaly

81.1043, 0.3409, 0.3568

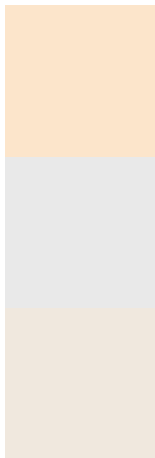
Deuteranomaly

81.2108, 0.3431, 0.3472

Tritanomaly

81.0096, 0.3318, 0.3281

Monochromacy



Original Color

81.0459, 0.3463, 0.3555

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.5124, 0.3246, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0459, 0.3463, 0.3555 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(252, 229, 203)` looks like.

```
.text, #text, p{  
    color:rgb(252, 229, 203)  
}
```

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(252, 229, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 229, 203) }
```

Border

The CSS property to change the border of an element to Yxy 81.0459, 0.3463, 0.3555 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(252, 229, 203) }
```

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

```
.border{ border-color:rgb(252, 229, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 229, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 229, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 229, 203);  
box-shadow:4px 4px 4px 4px rgb(252, 229,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0459, 0.3463, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 229, 203) }
```

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

```
.background{ background-color: rgb(252,  
229, 203) }
```

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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