

Converting Colors

$Yxy(85.5577, 0.3447, 0.3581)$

Have a look what the booklet for
Yxy(85.5577, 0.3447, 0.3581)
contains.

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Color

Yxy(85.7559, 0.3445, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	FFEECF
RGB	255, 236, 207
RGB Percent	100%, 93%, 81%
CMY	0.0000, 0.0745, 0.1883
CMYK	0.00, 0.07, 0.19, 0.00
HSL	36°, 100%, 91%
HSV	36°, 19%, 100%
XYZ	82.4990, 85.7559, 71.2198
YIQ	238.3750, 20.6330, -4.9910

Conversions

Conversions Part 2

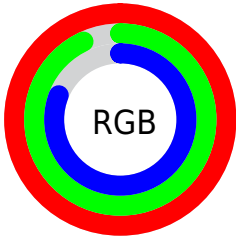
Format	Color
RYB	238, 255, 207
Decimal	16772303
CIELab	94.21, 1.92, 16.40
CIELCh	94, 16.514, 83.335
Yxy	85.7559, 0.3445, 0.3581
Android (android.graphics.Color)	4294962383 (0xFFFFECCF)
YUV	238.3750, -15.4679, 14.5801
Hunter-Lab	92.6045, -3.0366, 19.2247

Details

The Yxy color **85.7559, 0.3445, 0.3581** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.8599, 0.2826, 0.2981**, and the grayscale version is **85.9150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9482, 0.3513, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **78.9636, 0.3641, 0.3744**, and if you desaturate by 10%, it is **93.0801, 0.3268, 0.3423**.

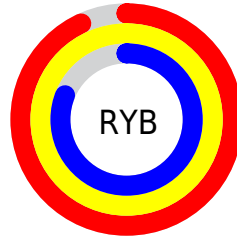
Distribution



Red (100%)

Green (93%)

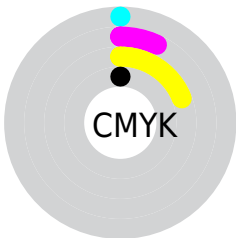
Blue (81%)



Red (93%)

Yellow (100%)

Blue (81%)

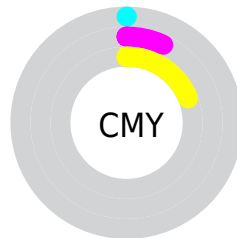


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.7559, 0.3445, 0.3581 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 85.7559, 0.3445, 0.3581 by changing the saturation by 10% instead.

 85.7559, 0.3445,
0.3581

 85.7559, 0.3445,
0.3581


514.1260, 0.3302,
0.3451

 64.4661, 0.3477,
0.3610


141.4288, 0.3396,
0.3537

 47.0283, 0.3515,
0.3644


176.5807, 0.3377,
0.3519

 33.0580, 0.3563,
0.3687


217.1222, 0.3360,
0.3504

 22.1709, 0.3625,
0.3742

263.4375, 0.3346,
0.3491

 13.9825, 0.3706,
0.3814

315.9112, 0.3333,
0.3479

 8.1085, 0.3819,
0.3913

374.9276, 0.3321,

 4.1645, 0.3982,

0.3469

0.4054

440.8710, 0.3311,
0.3459

■ 1.7660, 0.4293,
0.4322

■ 0.4658, 0.5124,
0.4876

■ 85.7559, 0.3445,
0.3581

■ 85.7559, 0.3445,
0.3581

■ 78.9636, 0.3641,
0.3744

■ 93.0801, 0.3268,
0.3423

■ 72.6846, 0.3855,
0.3905

100.0000, 0.3127,
0.3290

■ 66.9040, 0.4083,
0.4058

■ 61.6049, 0.4318,
0.4192

■ 56.7687, 0.4550,
0.4295

■ 52.3748, 0.4766,
0.4354

■ 48.4000, 0.4955,
0.4362

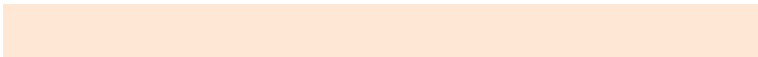
■ 44.8128, 0.5110,
0.4318

■ 44.4152, 0.5127,
0.4311

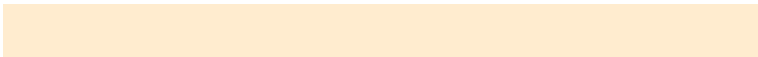
Harmonies

Analogous

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



85.7559, 0.3501, 0.3463



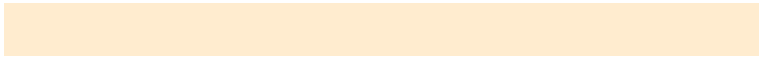
85.7559, 0.3445, 0.3581



85.7559, 0.3303, 0.3623

Triad

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



85.7559, 0.3445, 0.3581



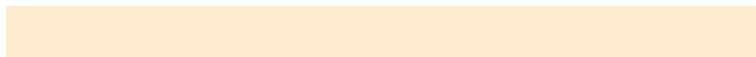
85.7559, 0.2811, 0.3260



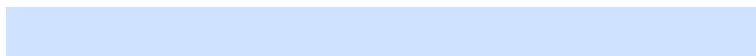
85.7559, 0.3128, 0.3031

Complementary

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



85.7559, 0.3445, 0.3581



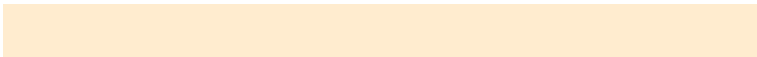
74.8599, 0.2826, 0.2981

Split Complementary

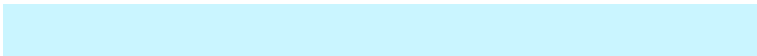
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.7559, 0.2946, 0.2975



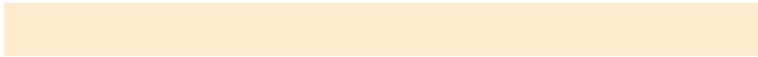
85.7559, 0.3445, 0.3581



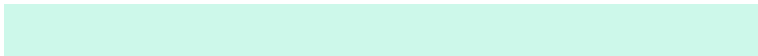
85.7559, 0.2767, 0.3100

Square

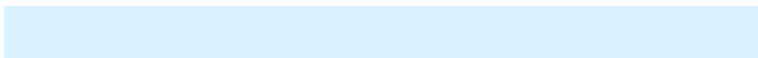
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7559, 0.3445, 0.3581



85.7559, 0.2938, 0.3435



85.7559, 0.2816, 0.2999



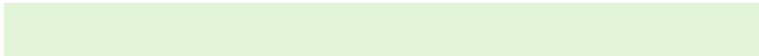
85.7559, 0.3315, 0.3150

Rectangle

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



85.7559, 0.3445, 0.3581



85.7559, 0.3181, 0.3598



85.7559, 0.2816, 0.2999



85.7559, 0.3065, 0.3004

Sweetspot

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



85.7571, 0.3445, 0.3581



95.2527, 0.3221, 0.3380



71.3756, 0.3354, 0.3097



20.2799, 0.3232, 0.3390



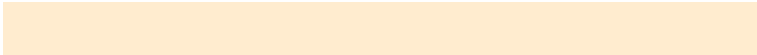
0.0000, 0.0000, 0.0000



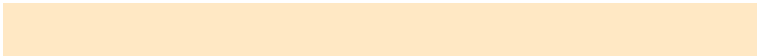
21.4041, 0.3127, 0.3290

Same Dimension

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



85.7571, 0.3445, 0.3581



82.8625, 0.3524, 0.3648



96.3844, 0.3380, 0.3766



19.8141, 0.3279, 0.3433



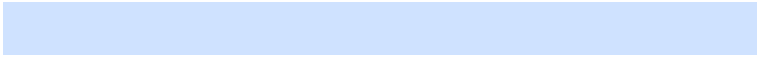
23.5075, 0.5107, 0.4327



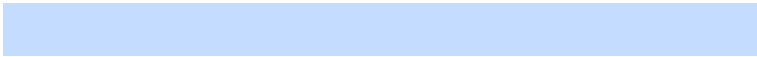
2.5022, 0.4975, 0.4432

Inverse Universe

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



74.8599, 0.2826, 0.2981



69.9529, 0.2755, 0.2903



65.7986, 0.2846, 0.2776



18.5566, 0.2979, 0.3142



8.8934, 0.1679, 0.1245



1.0719, 0.1742, 0.1469

Previews

White Background



This preview shows how the Yxy color 85.7559, 0.3445, 0.3581 looks on a white background.

Color Contrast Check

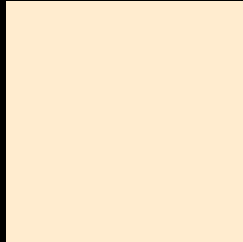
Large Text (above 18pt) WCAG AA × Fail

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 85.7559, 0.3445, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

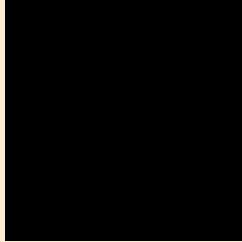
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

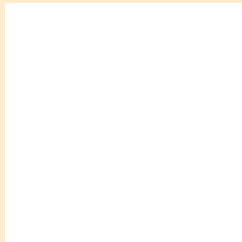
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.7559, 0.3445, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 85.7559, 0.3445, 0.3581.

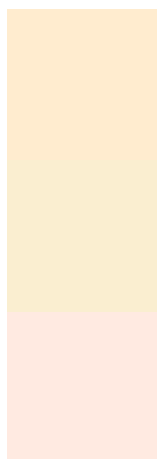


This preview shows how white text looks on a background with the Yxy color 85.7559, 0.3445, 0.3581.

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

85.7559, 0.3445, 0.3581

Protanopia

86.0271, 0.3399, 0.3593

Deuteranopia

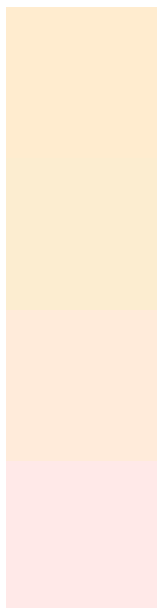
85.5419, 0.3329, 0.3380



Tritanopia

85.6270, 0.3194, 0.3154

Trichromacy



Original Color

85.7559, 0.3445, 0.3581

Protanomaly

85.8179, 0.3415, 0.3582

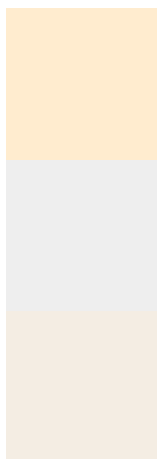
Deuteranomaly

85.7386, 0.3374, 0.3460

Tritanomaly

85.3640, 0.3284, 0.3300

Monochromacy



Original Color

85.7559, 0.3445, 0.3581

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.3475, 0.3237, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.7559, 0.3445, 0.3581 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, 236, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 207)  
}
```

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, 236, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 207) }
```

Border

The CSS property to change the border of an element to Yxy 85.7559, 0.3445, 0.3581 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, 236, 207) }
```

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

```
.border{ border-color:rgb(255, 236, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 85.7559, 0.3445, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 207) }
```

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

```
.background{ background-color: rgb(255,  
236, 207) }
```

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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