

Converting Colors

$Yxy(85.5157, 0.3465, 0.3494)$

Have a look what the booklet for
Yxy(85.5157, 0.3465, 0.3494)
contains.

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Color

Yxy(84.2913, 0.3417, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	FFE9D4
RGB	255, 233, 212
RGB Percent	100%, 91%, 83%
CMY	0.0000, 0.0863, 0.1687
CMYK	0.00, 0.09, 0.17, 0.00
HSL	29°, 100%, 92%
HSV	29°, 17%, 100%
XYZ	82.2689, 84.2913, 74.2033
YIQ	237.1840, 19.8530, -1.8670

Conversions

Conversions Part 2

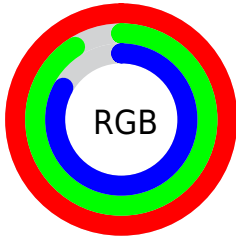
Format	Color
R _Y B	255, 253, 212
Decimal	16771540
CIE Lab	93.58, 4.19, 12.92
CIE LCh	94, 13.587, 72.026
Yxy	84.2913, 0.3417, 0.3501
Android (android.graphics.Color)	4294961620 (0xFFFFE9D4)
YUV	237.1840, -12.4157, 15.6246
Hunter-Lab	91.8103, -0.7187, 16.3476

Details

The Yxy color **84.2913, 0.3417, 0.3501** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.0460, 0.2861, 0.3069**, and the grayscale version is **84.9189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.8844, 0.3486, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **75.9894, 0.3622, 0.3634**, and if you desaturate by 10%, it is **93.3368, 0.3237, 0.3373**.

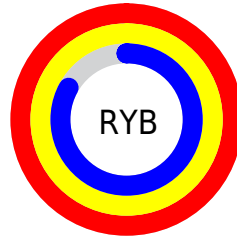
Distribution



Red (100%)

Green (91%)

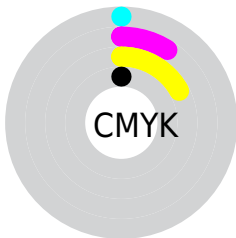
Blue (83%)



Red (100%)

Yellow (99%)

Blue (83%)

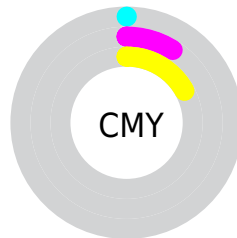


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (9%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.2913, 0.3417, 0.3501 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 84.2913, 0.3417, 0.3501 by changing the saturation by 10% instead.


 84.2913, 0.3417,
0.3501

 84.2913, 0.3417,
0.3501

509.2801, 0.3286,
0.3407

 63.2560, 0.3446,
0.3522


139.3826, 0.3372,
0.3469

 46.0483, 0.3482,
0.3547


174.2073, 0.3354,
0.3456

 32.2839, 0.3527,
0.3578


214.3973, 0.3339,
0.3445

 21.5785, 0.3585,
0.3617

260.3370, 0.3326,
0.3436

 13.5475, 0.3661,
0.3669

312.4107, 0.3314,
0.3427

 7.8066, 0.3769,
0.3741

371.0029, 0.3304,

 3.9715, 0.3928,

0.3420

0.3843

436.4978, 0.3294,
0.3413

■ 1.6576, 0.4207,
0.4017

■ 0.3960, 0.5473,
0.4527

■ 84.2913, 0.3417,
0.3501

■ 84.2913, 0.3417,
0.3501

■ 75.9894, 0.3622,
0.3634

■ 93.3368, 0.3237,
0.3373

■ 68.4177, 0.3852,
0.3767

100.0000, 0.3127,
0.3290

■ 61.5514, 0.4108,
0.3895

■ 55.3665, 0.4382,
0.4008

■ 49.8376, 0.4666,
0.4093

■ 44.9370, 0.4945,
0.4137

■ 40.6339, 0.5198,
0.4129

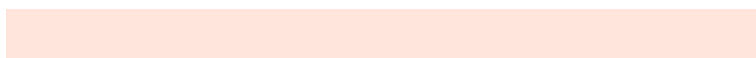
■ 36.8925, 0.5410,
0.4065

■ 35.8254, 0.5470,
0.4039

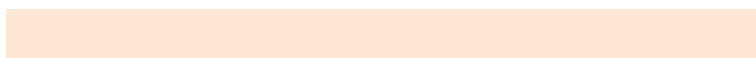
Harmonies

Analogous

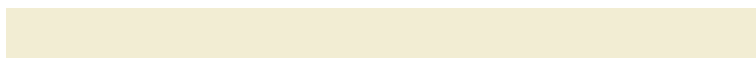
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2913, 0.3431, 0.3388



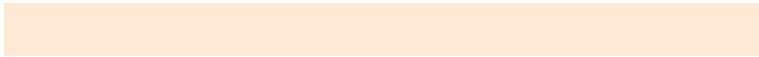
84.2913, 0.3417, 0.3501



84.2913, 0.3324, 0.3561

Triad

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



84.2913, 0.3417, 0.3501



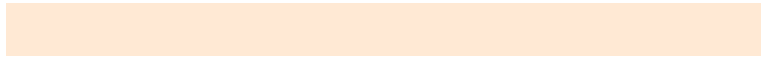
84.2913, 0.2898, 0.3321



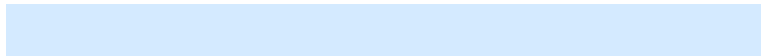
84.2913, 0.3069, 0.3049

Complementary

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



84.2913, 0.3417, 0.3501



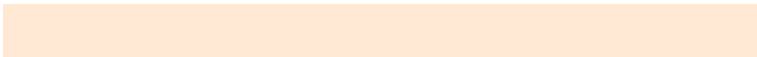
80.0460, 0.2861, 0.3069

Split Complementary

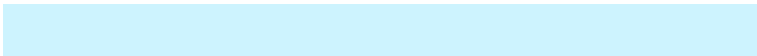
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.2913, 0.2930, 0.3028



84.2913, 0.3417, 0.3501



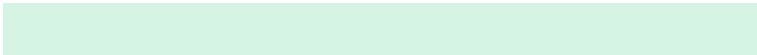
84.2913, 0.2833, 0.3180

Square

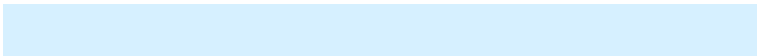
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.2913, 0.3417, 0.3501



84.2913, 0.3024, 0.3457



84.2913, 0.2844, 0.3074



84.2913, 0.3227, 0.3131

Rectangle

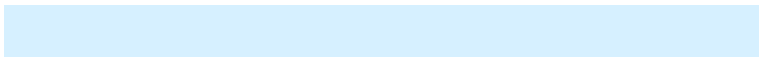
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.2913, 0.3417, 0.3501



84.2913, 0.3231, 0.3560



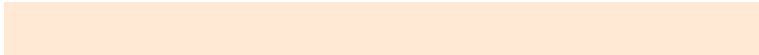
84.2913, 0.2844, 0.3074



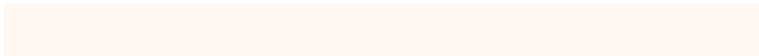
84.2913, 0.3019, 0.3035

Sweetspot

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



84.2886, 0.3417, 0.3501



95.1161, 0.3206, 0.3350



74.2866, 0.3291, 0.3069



20.2152, 0.3218, 0.3359



0.0000, 0.0000, 0.0000



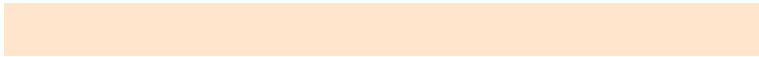
21.4041, 0.3127, 0.3290

Same Dimension

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



84.2886, 0.3417, 0.3501



81.6137, 0.3478, 0.3542



97.0755, 0.3383, 0.3704



19.4524, 0.3282, 0.3406



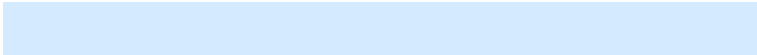
19.0163, 0.5444, 0.4059



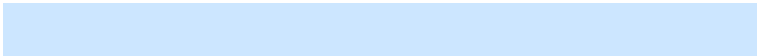
2.0694, 0.5264, 0.4202

Inverse Universe

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



80.0460, 0.2861, 0.3069



76.6959, 0.2810, 0.3024



68.6469, 0.2850, 0.2839



18.9138, 0.2979, 0.3171



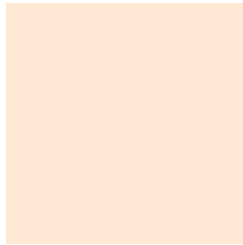
12.4710, 0.1781, 0.1612



1.4330, 0.1837, 0.1814

Previews

White Background



This preview shows how the Yxy color 84.2913, 0.3417, 0.3501 looks on a white background.

Color Contrast Check

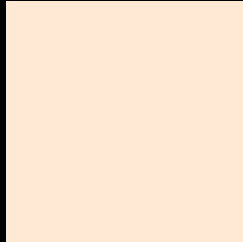
Large Text (above 18pt) WCAG AA × Fail

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 84.2913, 0.3417, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

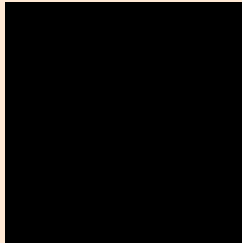
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.2913, 0.3417, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 84.2913, 0.3417, 0.3501.

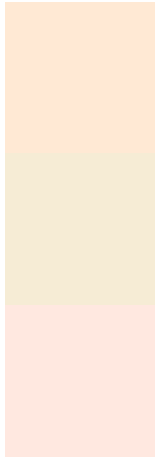


This preview shows how white text looks on a background with the Yxy color 84.2913, 0.3417, 0.3501.

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

84.2913, 0.3417, 0.3501

Protanopia

84.3878, 0.3342, 0.3525

Deuteranopia

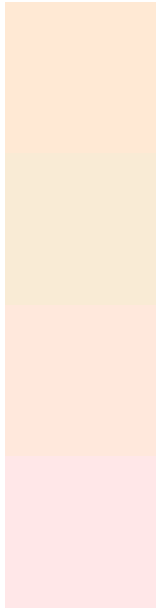
84.3550, 0.3338, 0.3370



Tritanopia

84.3853, 0.3209, 0.3153

Trichromacy



Original Color

84.2913, 0.3417, 0.3501

Protanomaly

84.3605, 0.3364, 0.3513

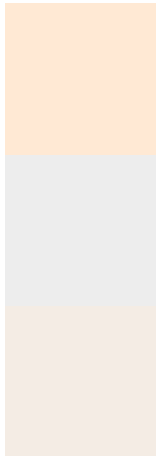
Deuteranomaly

84.1405, 0.3365, 0.3410

Tritanomaly

84.2380, 0.3286, 0.3281

Monochromacy



Original Color

84.2913, 0.3417, 0.3501

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.8254, 0.3231, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.2913, 0.3417, 0.3501 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, 233, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 212)  
}
```

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, 233, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 212) }
```

Border

The CSS property to change the border of an element to Yxy 84.2913, 0.3417, 0.3501 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, 233, 212) }
```

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

```
.border{ border-color:rgb(255, 233, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 84.2913, 0.3417, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 212) }
```

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

```
.background{ background-color: rgb(255,  
233, 212) }
```

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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