

Converting Colors

$Y_{xy}(100.0000, 0.3904, 0.3464)$

Have a look what the booklet for
Yxy(100.0000, 0.3904, 0.3464)
contains.

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Color

Yxy(84.3419, 0.3410, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	FFE9D5
RGB	255, 233, 213
RGB Percent	100%, 91%, 84%
CMY	0.0000, 0.0862, 0.1648
CMYK	0.00, 0.09, 0.16, 0.00
HSL	29°, 100%, 92%
HSV	29°, 16%, 100%
XYZ	82.3850, 84.3419, 74.8713
YIQ	237.2980, 19.5320, -1.5560

Conversions

Conversions Part 2

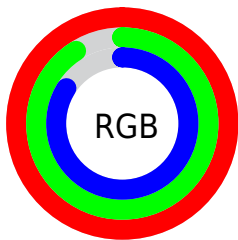
Format	Color
R_{YB}	255, 251, 213
Decimal	16771541
CIE _{Lab}	93.60, 4.32, 12.43
CIE _{LCh}	94, 13.165, 70.833
Yxy	84.3419, 0.3410, 0.3491
Android (android.graphics.Color)	4294961621 (0xFFFFE9D5)
YUV	237.2980, -11.9789, 15.5247
Hunter-Lab	91.8378, -0.5893, 15.9500

Details

The Yxy color **84.3419, 0.3410, 0.3491** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.7565, 0.2868, 0.3080**, and the grayscale version is **85.0132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.9187, 0.3477, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **75.8801, 0.3615, 0.3621**, and if you desaturate by 10%, it is **93.5860, 0.3231, 0.3367**.

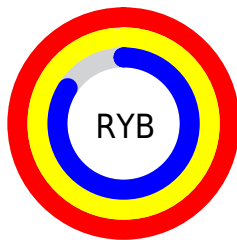
Distribution



Red (100%)

Green (91%)

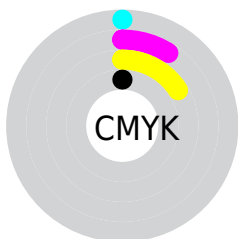
Blue (84%)



Red (100%)

Yellow (98%)

Blue (84%)

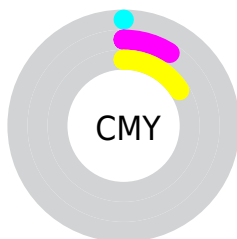


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.3419, 0.3410, 0.3491 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 84.3419, 0.3410, 0.3491 by changing the saturation by 10% instead.


 84.3419, 0.3410,
0.3491

 84.3419, 0.3410,
0.3491


509.4479, 0.3282,
0.3401

 63.2978, 0.3439,
0.3511


139.4533, 0.3366,
0.3461

 46.0821, 0.3474,
0.3535


174.2894, 0.3349,
0.3449

 32.3106, 0.3517,
0.3564


214.4916, 0.3334,
0.3438

 21.5989, 0.3574,
0.3602

260.4443, 0.3321,
0.3429

 13.5625, 0.3649,
0.3651

312.5319, 0.3310,
0.3421

 7.8170, 0.3754,
0.3719

371.1387, 0.3299,

 3.9781, 0.3910,

0.3414

0.3817

436.6493, 0.3290,
0.3407

■ 1.6613, 0.4178,
0.3978

■ 0.3984, 0.5486,
0.4514

■ 84.3419, 0.3410,
0.3491

■ 84.3419, 0.3410,
0.3491

■ 75.8801, 0.3615,
0.3621

■ 93.5860, 0.3231,
0.3367

■ 68.1673, 0.3847,
0.3751

99.9990, 0.3127,
0.3290

■ 61.1839, 0.4105,
0.3876

■ 54.9053, 0.4383,
0.3987

■ 49.3052, 0.4672,
0.4071

■ 44.3548, 0.4957,
0.4114

■ 40.0225, 0.5217,
0.4106

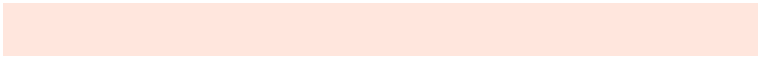
■ 36.2717, 0.5436,
0.4042

■ 35.0751, 0.5505,
0.4011

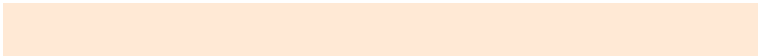
Harmonies

Analogous

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



84.3419, 0.3420, 0.3380



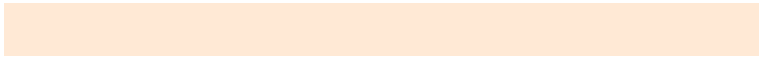
84.3419, 0.3410, 0.3491



84.3419, 0.3323, 0.3551

Triad

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



84.3419, 0.3410, 0.3491



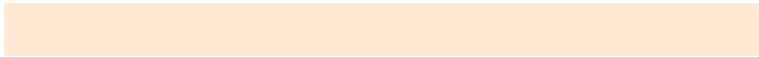
84.3419, 0.2909, 0.3326



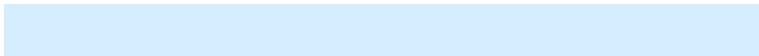
84.3419, 0.3065, 0.3055

Complementary

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



84.3419, 0.3410, 0.3491



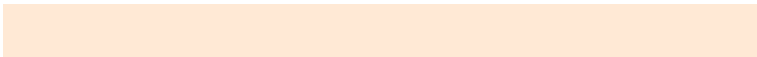
80.7565, 0.2868, 0.3080

Split Complementary

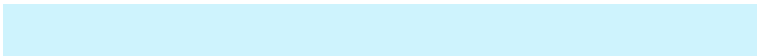
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3419, 0.2932, 0.3036



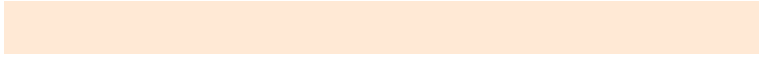
84.3419, 0.3410, 0.3491



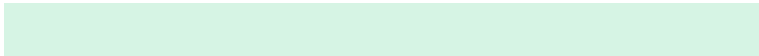
84.3419, 0.2843, 0.3189

Square

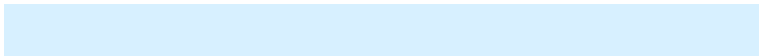
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3419, 0.3410, 0.3491



84.3419, 0.3033, 0.3456



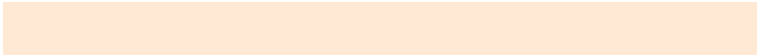
84.3419, 0.2851, 0.3084



84.3419, 0.3218, 0.3132

Rectangle

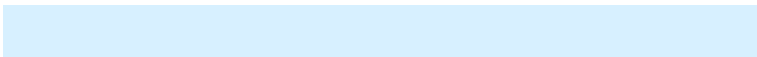
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.3419, 0.3410, 0.3491



84.3419, 0.3234, 0.3552



84.3419, 0.2851, 0.3084



84.3419, 0.3016, 0.3041

Sweetspot

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



84.3457, 0.3410, 0.3491



95.0232, 0.3206, 0.3349



74.8561, 0.3281, 0.3067



20.1926, 0.3218, 0.3357



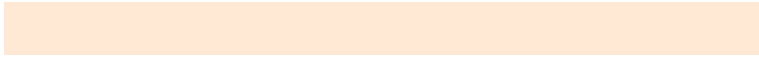
0.0000, 0.0000, 0.0000



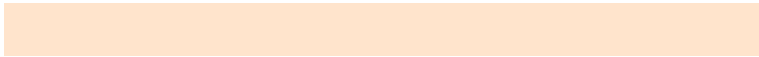
21.4041, 0.3127, 0.3290

Same Dimension

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



84.3457, 0.3410, 0.3491



81.2807, 0.3479, 0.3536



96.6884, 0.3378, 0.3688



19.4158, 0.3282, 0.3404



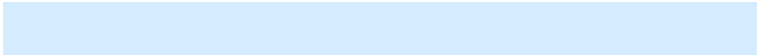
18.6229, 0.5479, 0.4032



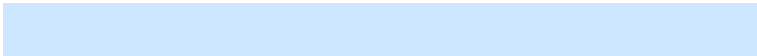
2.0303, 0.5294, 0.4178

Inverse Universe

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



80.7565, 0.2868, 0.3080



77.0322, 0.2811, 0.3031



69.6464, 0.2858, 0.2858



18.9506, 0.2979, 0.3174



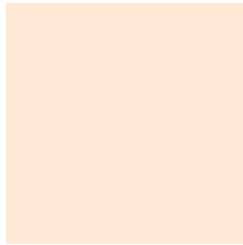
12.8991, 0.1792, 0.1652



1.4748, 0.1848, 0.1851

Previews

White Background



This preview shows how the Yxy color 84.3419, 0.3410, 0.3491 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 84.3419, 0.3410, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

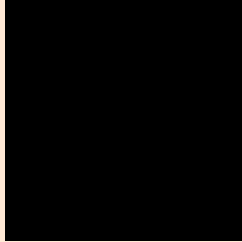
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.3419, 0.3410, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 84.3419, 0.3410, 0.3491.

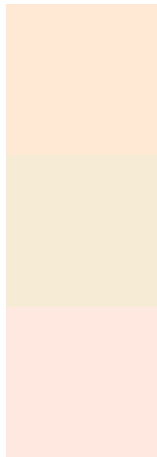


This preview shows how white text looks on a background with the Yxy color 84.3419, 0.3410, 0.3491.

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

84.3419, 0.3410, 0.3491

Protanopia

84.4388, 0.3335, 0.3514

Deuteranopia

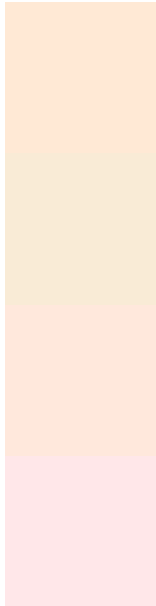
84.3550, 0.3338, 0.3370



Tritanopia

84.3853, 0.3209, 0.3153

Trichromacy



Original Color

84.3419, 0.3410, 0.3491

Protanomaly

84.4114, 0.3358, 0.3503

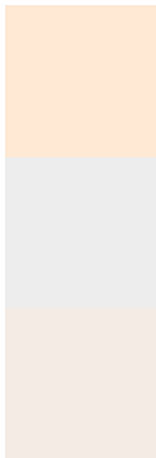
Deuteranomaly

84.1405, 0.3365, 0.3410

Tritanomaly

84.2950, 0.3280, 0.3271

Monochromacy



Original Color

84.3419, 0.3410, 0.3491

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 84.3419, 0.3410, 0.3491 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 213) }
```

Border

The CSS property to change the border of an element to Yxy 84.3419, 0.3410, 0.3491 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, 213) }
```

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

```
.border{ border-color:rgb(255, 233, 213) }
```

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, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3419, 0.3410, 0.3491 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
233, 213) }
```

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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