

Converting Colors

$Y_{xy}(100.0000, 0.3562, 0.3395)$

Have a look what the booklet for
Yxy(100.0000, 0.3562, 0.3395)
contains.

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Color

Yxy(91.1307, 0.3280, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3E7
RGB	255, 243, 231
RGB Percent	100%, 95%, 91%
CMY	0.0001, 0.0470, 0.0941
CMYK	0.00, 0.05, 0.09, 0.00
HSL	30°, 100%, 95%
HSV	30°, 9%, 100%
XYZ	87.7080, 91.1307, 88.5636
YIQ	245.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

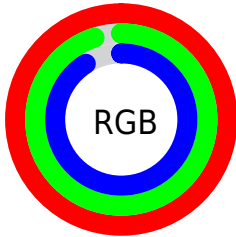
Format	Color
R_{YB}	255, 255, 231
Decimal	16774119
CIE Lab	96.46, 2.03, 7.21
CIE LCh	96, 7.489, 74.299
Yxy	91.1307, 0.3280, 0.3408
Android (android.graphics.Color)	4294964199 (0xFFFFF3E7)
YUV	245.2200, -7.0105, 8.5771
Hunter-Lab	95.4624, -3.0588, 11.8184

Details

The Yxy color 91.1307, 0.3280, 0.3408 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.2853, 0.2981, 0.3169, and the grayscale version is 91.5482, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.6416, 0.3315, 0.3440 is the 20% darker color. If you saturate the color by 10%, you get 82.4442, 0.3465, 0.3540, and if you desaturate by 10%, it is 99.9963, 0.3127, 0.3290.

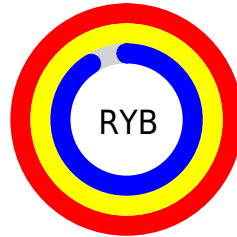
Distribution



Red (100%)

Green (95%)

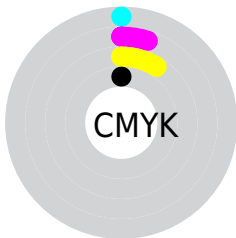
Blue (91%)



Red (100%)

Yellow (100%)

Blue (91%)

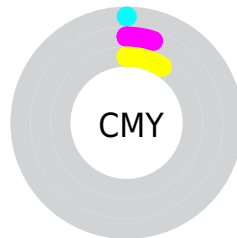


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1307, 0.3280, 0.3408 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 91.1307, 0.3280, 0.3408 by changing the saturation by 10% instead.

 91.1307, 0.3280,
0.3408

 91.1307, 0.3280,
0.3408

531.7021, 0.3212,
0.3356

 68.9188, 0.3295,
0.3419


148.9080, 0.3257,
0.3390

 50.6456, 0.3313,
0.3433


185.2422, 0.3248,
0.3383

 35.9266, 0.3336,
0.3450


227.0526, 0.3240,
0.3377

 24.3775, 0.3365,
0.3472

274.7237, 0.3233,
0.3372

 15.6139, 0.3403,
0.3501

328.6398, 0.3227,
0.3367

 9.2514, 0.3456,
0.3540

389.1853, 0.3221,

 4.9055, 0.3534,

0.3363

0.3597

456.7446, 0.3216,
0.3359

■ 2.1919, 0.3659,
0.3687

■ 0.7156, 0.4241,
0.4160

■ 91.1307, 0.3280,
0.3408

■ 91.1307, 0.3280,
0.3408

■ 82.4442, 0.3465,
0.3540

99.9963, 0.3127,
0.3290

■ 74.4715, 0.3675,
0.3677

■ 67.1961, 0.3910,
0.3813

■ 60.5961, 0.4167,
0.3941

■ 54.6484, 0.4441,
0.4051

■ 49.3278, 0.4719,
0.4129

■ 44.6072, 0.4986,
0.4164

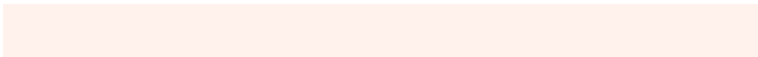
■ 40.4559, 0.5224,
0.4145

■ 36.8333, 0.5422,
0.4073

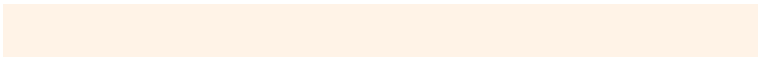
Harmonies

Analogous

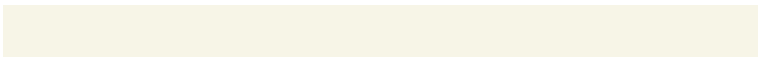
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1307, 0.3290, 0.3350



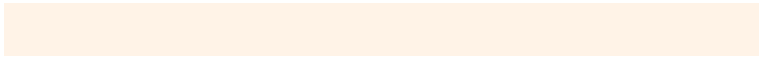
91.1307, 0.3280, 0.3408



91.1307, 0.3228, 0.3436

Triad

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



91.1307, 0.3280, 0.3408



91.1307, 0.2999, 0.3302



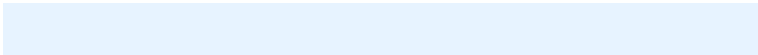
91.1307, 0.3103, 0.3161

Complementary

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



91.1307, 0.3280, 0.3408



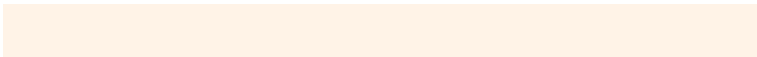
88.2853, 0.2981, 0.3169

Split Complementary

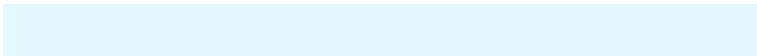
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1307, 0.3026, 0.3148



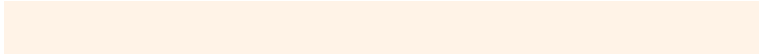
91.1307, 0.3280, 0.3408



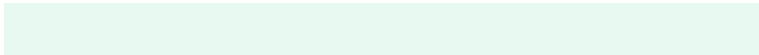
91.1307, 0.2967, 0.3227

Square

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



91.1307, 0.3280, 0.3408



91.1307, 0.3066, 0.3374



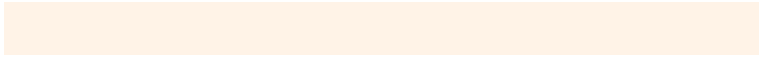
91.1307, 0.2976, 0.3171



91.1307, 0.3188, 0.3208

Rectangle

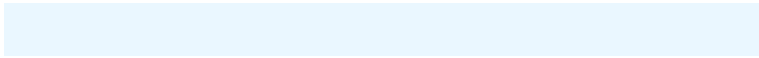
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.1307, 0.3280, 0.3408



91.1307, 0.3178, 0.3432



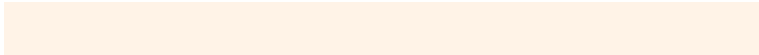
91.1307, 0.2976, 0.3171



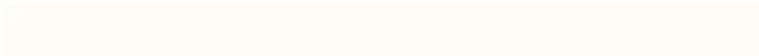
91.1307, 0.3075, 0.3153

Sweetspot

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



91.1347, 0.3280, 0.3408



97.1059, 0.3174, 0.3327



84.8757, 0.3214, 0.3173



20.6215, 0.3187, 0.3337



0.0000, 0.0000, 0.0000



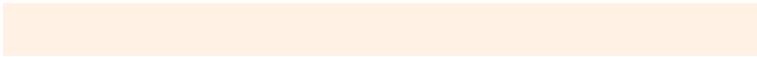
21.4041, 0.3127, 0.3290

Same Dimension

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



91.1347, 0.3280, 0.3408



89.7169, 0.3308, 0.3429



98.5330, 0.3268, 0.3522



19.4910, 0.3282, 0.3409



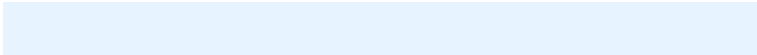
19.4435, 0.5407, 0.4088



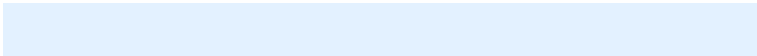
2.1116, 0.5232, 0.4228

Inverse Universe

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



88.2853, 0.2981, 0.3169



86.4208, 0.2955, 0.3147



81.3559, 0.2980, 0.3047



18.8751, 0.2979, 0.3168



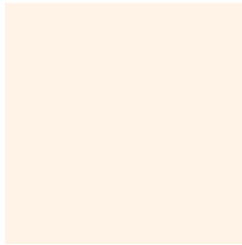
12.0330, 0.1770, 0.1570



1.3900, 0.1827, 0.1776

Previews

White Background



This preview shows how the Yxy color 91.1307, 0.3280, 0.3408 looks on a white background.

Color Contrast Check

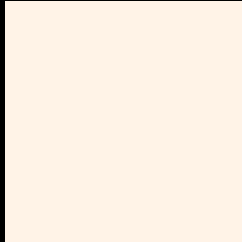
Large Text (above 18pt) WCAG AA × Fail

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 91.1307, 0.3280, 0.3408 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 91.1307, 0.3280, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 91.1307, 0.3280, 0.3408.

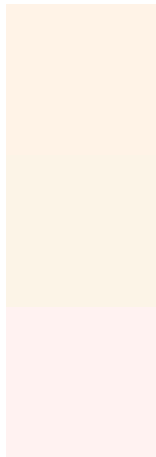


This preview shows how white text looks on a background with the Yxy color 91.1307, 0.3280, 0.3408.

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

91.1307, 0.3280, 0.3408

Protanopia

91.1663, 0.3259, 0.3418

Deuteranopia

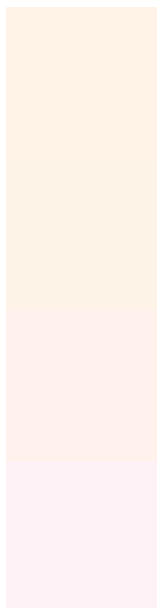
91.1151, 0.3219, 0.3300



Tritanopia

91.3264, 0.3140, 0.3165

Trichromacy



Original Color

91.1307, 0.3280, 0.3408

Protanomaly

91.3535, 0.3266, 0.3418

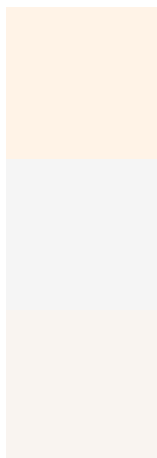
Deuteranomaly

90.8787, 0.3244, 0.3339

Tritanomaly

91.4181, 0.3188, 0.3252

Monochromacy



Original Color

91.1307, 0.3280, 0.3408

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.1324, 0.3184, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1307, 0.3280, 0.3408 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, 243, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 231)  
}
```

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, 243, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 231) }
```

Border

The CSS property to change the border of an element to Yxy 91.1307, 0.3280, 0.3408 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, 243, 231) }
```

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

```
.border{ border-color:rgb(255, 243, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1307, 0.3280, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 231) }
```

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

```
.background{ background-color: rgb(255,  
243, 231) }
```

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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