

Converting Colors

$Y_{xy}(97.7277, 0.3380, 0.3375)$

Have a look what the booklet for
Yxy(97.7277, 0.3380, 0.3375)
contains.

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Color

Yxy(93.2860, 0.3240, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6ED
RGB	255, 246, 237
RGB Percent	100%, 96%, 93%
CMY	0.0001, 0.0352, 0.0707
CMYK	0.00, 0.04, 0.07, 0.00
HSL	30°, 100%, 96%
HSV	30°, 7%, 100%
XYZ	89.4750, 93.2860, 93.3965
YIQ	247.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 255, 237
Decimal	16774893
CIE Lab	97.34, 1.48, 5.39
CIE LCh	97, 5.591, 74.626
Yxy	93.2860, 0.3240, 0.3378
Android (android.graphics.Color)	4294964973 (0xFFFFF6ED)
YUV	247.6650, -5.2578, 6.4328
Hunter-Lab	96.5847, -3.6627, 10.2764

Details

The Yxy color 93.2860, 0.3240, 0.3378 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.1041, 0.3018, 0.3200, and the grayscale version is 93.6205, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.1689, 0.3263, 0.3402 is the 20% darker color. If you saturate the color by 10%, you get 84.4358, 0.3419, 0.3509, and if you desaturate by 10%, it is 99.9970, 0.3127, 0.3290.

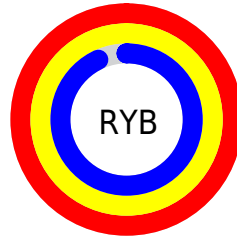
Distribution



Red (100%)

Green (96%)

Blue (93%)



Red (100%)

Yellow (100%)

Blue (93%)



Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (4%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2860, 0.3240, 0.3378 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 93.2860, 0.3240, 0.3378 by changing the saturation by 10% instead.


 93.2860, 0.3240,
0.3378

 93.2860, 0.3240,
0.3378

538.6631, 0.3190,
0.3339

 70.7092, 0.3251,
0.3386


151.8945, 0.3223,
0.3365

 52.1049, 0.3264,
0.3397


188.6950, 0.3216,
0.3360

 37.0887, 0.3281,
0.3409


231.0056, 0.3211,
0.3355

 25.2762, 0.3302,
0.3425

279.2107, 0.3205,
0.3351

 16.2830, 0.3329,
0.3447

333.6945, 0.3201,
0.3348

 9.7246, 0.3368,
0.3475

394.8416, 0.3197,

 5.2167, 0.3423,

0.3345

0.3517

463.0364, 0.3193,
0.3342

■ 2.3750, 0.3513,
0.3584

■ 0.8130, 0.3797,
0.3816

■ 93.2860, 0.3240,
0.3378

■ 93.2860, 0.3240,
0.3378

■ 84.4358, 0.3419,
0.3509

99.9970, 0.3127,
0.3290

■ 76.3029, 0.3623,
0.3645

■ 68.8711, 0.3852,
0.3782

■ 62.1189, 0.4105,
0.3913

■ 56.0234, 0.4375,
0.4028

■ 50.5603, 0.4653,
0.4115

■ 45.7027, 0.4924,
0.4162

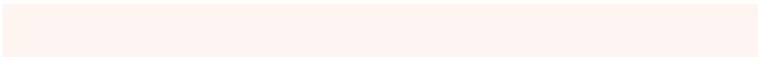
■ 41.4212, 0.5170,
0.4156

■ 37.6807, 0.5376,
0.4094

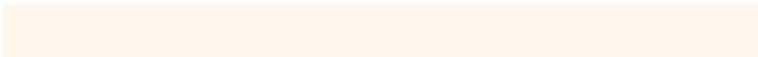
Harmonies

Analogous

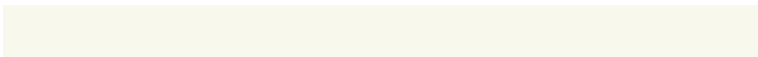
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2860, 0.3248, 0.3335



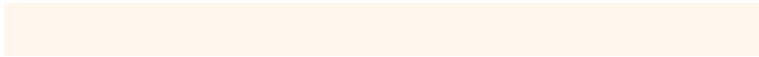
93.2860, 0.3240, 0.3378



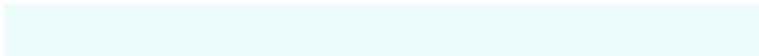
93.2860, 0.3202, 0.3398

Triad

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



93.2860, 0.3240, 0.3378



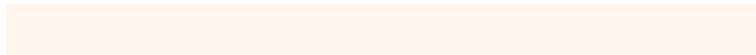
93.2860, 0.3032, 0.3298



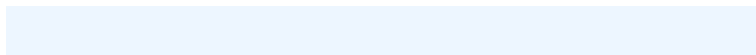
93.2860, 0.3110, 0.3195

Complementary

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



93.2860, 0.3240, 0.3378



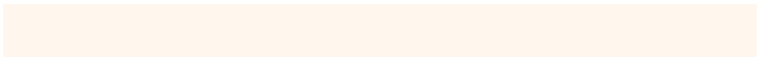
91.1041, 0.3018, 0.3200

Split Complementary

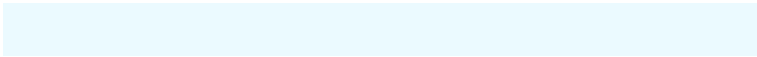
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2860, 0.3053, 0.3184



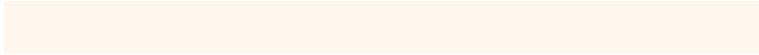
93.2860, 0.3240, 0.3378



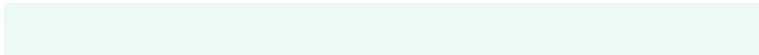
93.2860, 0.3008, 0.3243

Square

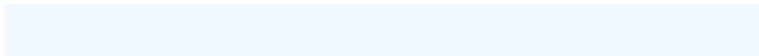
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.2860, 0.3240, 0.3378



93.2860, 0.3081, 0.3352



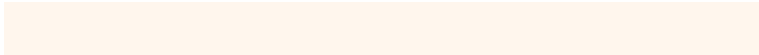
93.2860, 0.3016, 0.3202



93.2860, 0.3173, 0.3230

Rectangle

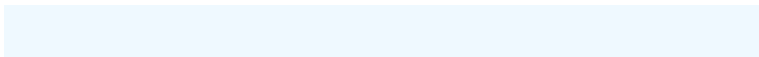
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.2860, 0.3240, 0.3378



93.2860, 0.3164, 0.3395



93.2860, 0.3016, 0.3202



93.2860, 0.3090, 0.3188

Sweetspot

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



93.2901, 0.3240, 0.3378



98.0649, 0.3158, 0.3315



88.4683, 0.3191, 0.3203



21.0103, 0.3156, 0.3313



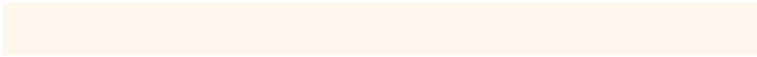
0.0000, 0.0000, 0.0000



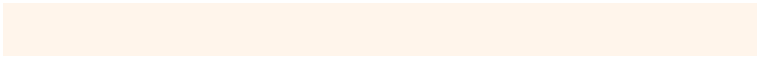
21.4041, 0.3127, 0.3290

Same Dimension

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



93.2901, 0.3240, 0.3378



92.4392, 0.3256, 0.3390



98.8805, 0.3232, 0.3464



19.4928, 0.3282, 0.3409



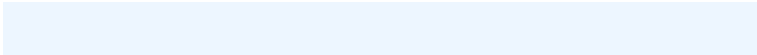
19.4636, 0.5406, 0.4090



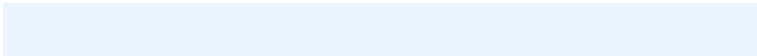
2.1136, 0.5230, 0.4229

Inverse Universe

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



91.1041, 0.3018, 0.3200



89.9777, 0.3003, 0.3188



85.7790, 0.3018, 0.3110



18.8733, 0.2979, 0.3168



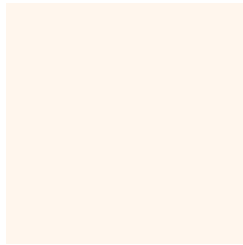
12.0130, 0.1769, 0.1568



1.3880, 0.1826, 0.1774

Previews

White Background



This preview shows how the Yxy color 93.2860, 0.3240, 0.3378 looks on a white background.

Color Contrast Check

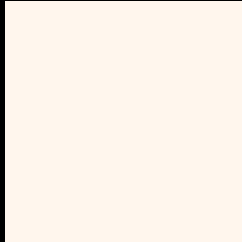
Large Text (above 18pt) WCAG AA × Fail

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 93.2860, 0.3240, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

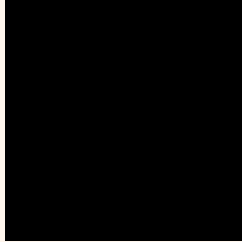
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.2860, 0.3240, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 93.2860, 0.3240, 0.3378.

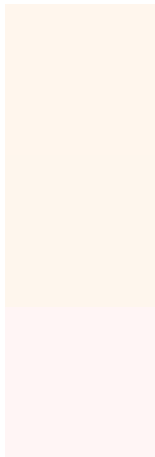


This preview shows how white text looks on a background with the Yxy color 93.2860, 0.3240, 0.3378.

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

93.2860, 0.3240, 0.3378

Protanopia

93.0968, 0.3233, 0.3378

Deuteranopia

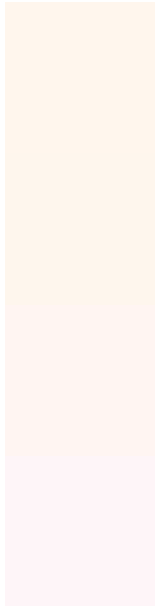
93.1574, 0.3192, 0.3290



Tritanopia

93.4075, 0.3119, 0.3194

Trichromacy



Original Color

93.2860, 0.3240, 0.3378

Protanomaly

93.0968, 0.3233, 0.3378

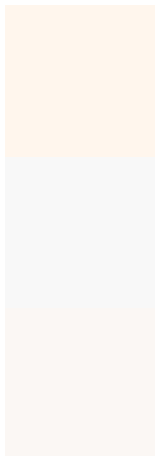
Deuteranomaly

92.9756, 0.3210, 0.3319

Tritanomaly

93.1530, 0.3167, 0.3261

Monochromacy



Original Color

93.2860, 0.3240, 0.3378

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.5624, 0.3171, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2860, 0.3240, 0.3378 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, 246, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 237)  
}
```

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, 246, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 237) }
```

Border

The CSS property to change the border of an element to Yxy 93.2860, 0.3240, 0.3378 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, 246, 237) }
```

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

```
.border{ border-color:rgb(255, 246, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2860, 0.3240, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 237) }
```

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

```
.background{ background-color: rgb(255,  
246, 237) }
```

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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