

Converting Colors

$Yxy(96.7782, 0.3418, 0.3397)$

Have a look what the booklet for
Yxy(96.7782, 0.3418, 0.3397)
contains.

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Color

Yxy(92.4480, 0.3266, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5E9
RGB	255, 245, 233
RGB Percent	100%, 96%, 91%
CMY	0.0000, 0.0393, 0.0862
CMYK	0.00, 0.04, 0.09, 0.00
HSL	33°, 100%, 96%
HSV	33°, 9%, 100%
XYZ	88.6220, 92.4480, 90.2772
YIQ	246.6220, 9.8120, -1.6120

Conversions

Conversions Part 2

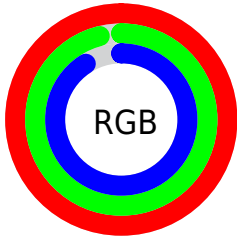
Format	Color
R_{YB}	251, 255, 233
Decimal	16774633
CIE _{Lab}	97.00, 1.39, 6.94
CIE _{LCh}	97, 7.081, 78.701
Y _{xy}	92.4480, 0.3266, 0.3407
Android (android.graphics.Color)	4294964713 (0xFFFFF5E9)
YUV	246.6220, -6.7156, 7.3475
Hunter-Lab	96.1499, -3.7376, 11.6362

Details

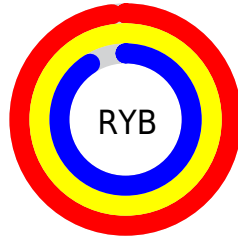
The Yxy color 92.4480, 0.3266, 0.3407 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.6704, 0.2993, 0.3170, and the grayscale version is 92.7304, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.5753, 0.3296, 0.3440 is the 20% darker color. If you saturate the color by 10%, you get 84.2723, 0.3446, 0.3550, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

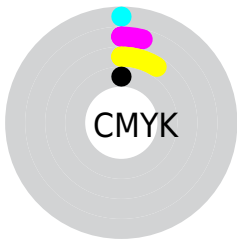
Distribution



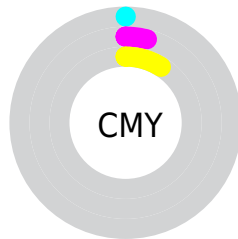
- Red (100%)
- Green (96%)
- Blue (91%)



- Red (98%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4480, 0.3266, 0.3407 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 92.4480, 0.3266, 0.3407 by changing the saturation by 10% instead.


 92.4480, 0.3266,
0.3407

 92.4480, 0.3266,
0.3407


535.9623, 0.3204,
0.3355

 70.0128, 0.3280,
0.3418


150.7342, 0.3245,
0.3390

 51.5370, 0.3296,
0.3432


187.3539, 0.3237,
0.3383

 36.6361, 0.3316,
0.3449


229.4706, 0.3230,
0.3377

 24.9259, 0.3342,
0.3470

277.4686, 0.3223,
0.3371

 16.0218, 0.3377,
0.3499

331.7325, 0.3218,
0.3367

 9.5396, 0.3424,
0.3537

392.6464, 0.3213,

 5.0948, 0.3493,

0.3362

0.3594

460.5949, 0.3208,
0.3359

■ 2.3030, 0.3604,
0.3683

■ 0.7753, 0.4046,
0.4070

■ 92.4480, 0.3266,
0.3407

■ 92.4480, 0.3266,
0.3407

■ 84.2723, 0.3446,
0.3550

100.0000, 0.3127,
0.3290

■ 76.7417, 0.3649,
0.3697

■ 69.8284, 0.3874,
0.3844

■ 63.5136, 0.4117,
0.3984

■ 57.7770, 0.4374,
0.4105

■ 52.5969, 0.4632,
0.4196

■ 47.9493, 0.4879,
0.4244

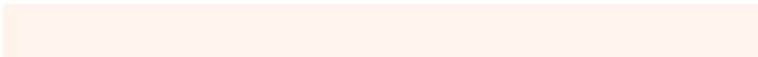
■ 43.8073, 0.5099,
0.4239

■ 40.1364, 0.5280,
0.4181

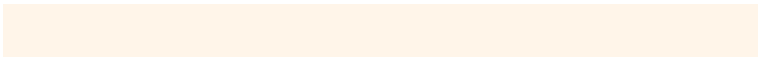
Harmonies

Analogous

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



92.4480, 0.3282, 0.3356



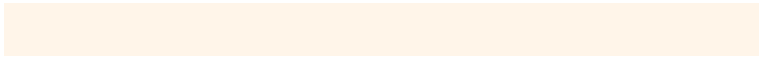
92.4480, 0.3266, 0.3407



92.4480, 0.3213, 0.3428

Triad

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



92.4480, 0.3266, 0.3407



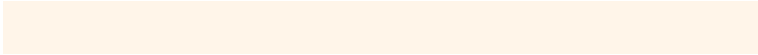
92.4480, 0.3000, 0.3290



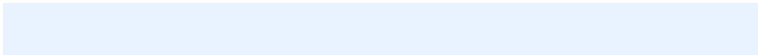
92.4480, 0.3116, 0.3174

Complementary

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



92.4480, 0.3266, 0.3407



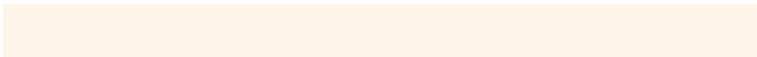
88.6704, 0.2993, 0.3170

Split Complementary

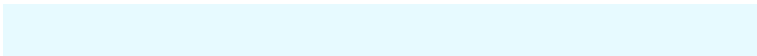
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.4480, 0.3041, 0.3156



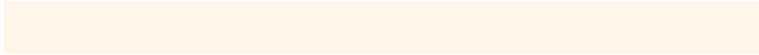
92.4480, 0.3266, 0.3407



92.4480, 0.2975, 0.3222

Square

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



92.4480, 0.3266, 0.3407



92.4480, 0.3059, 0.3360



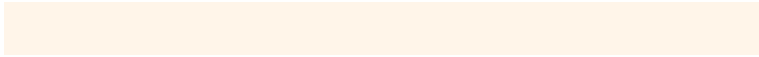
92.4480, 0.2990, 0.3173



92.4480, 0.3195, 0.3222

Rectangle

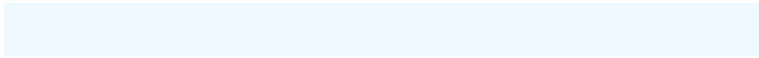
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.4480, 0.3266, 0.3407



92.4480, 0.3163, 0.3420



92.4480, 0.2990, 0.3173



92.4480, 0.3090, 0.3164

Sweetspot

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



92.4382, 0.3266, 0.3407



97.3126, 0.3174, 0.3330



86.0365, 0.3211, 0.3190



20.6773, 0.3186, 0.3341



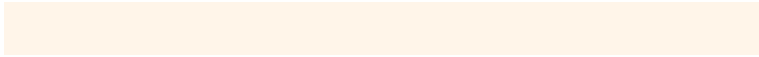
0.0000, 0.0000, 0.0000



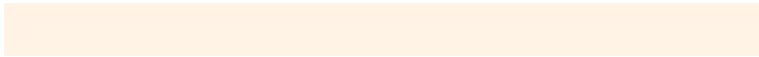
21.4041, 0.3127, 0.3290

Same Dimension

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



92.4382, 0.3266, 0.3407



91.2728, 0.3289, 0.3426



98.5256, 0.3251, 0.3503



19.6254, 0.3281, 0.3419



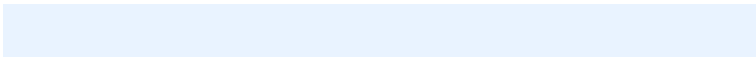
21.0266, 0.5281, 0.4189



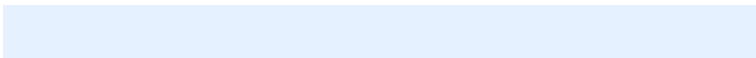
2.2658, 0.5123, 0.4315

Inverse Universe

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



88.6704, 0.2993, 0.3170



86.9432, 0.2971, 0.3150



82.9592, 0.2998, 0.3069



18.7416, 0.2979, 0.3157



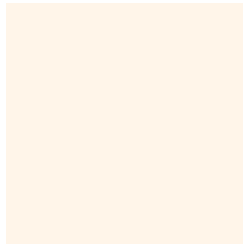
10.6157, 0.1730, 0.1429



1.2488, 0.1790, 0.1645

Previews

White Background



This preview shows how the Yxy color 92.4480, 0.3266, 0.3407 looks on a white background.

Color Contrast Check

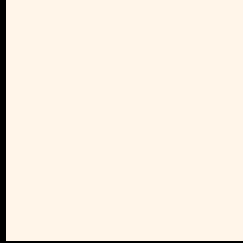
Large Text (above 18pt) WCAG AA × Fail

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 92.4480, 0.3266, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

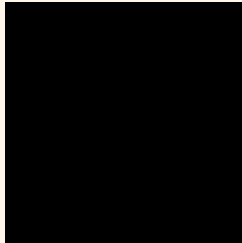
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

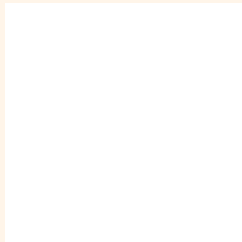
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4480, 0.3266, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 92.4480, 0.3266, 0.3407.

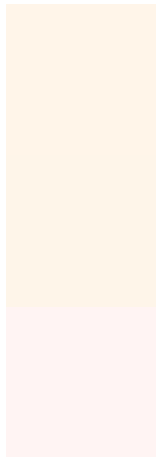


This preview shows how white text looks on a background with the Yxy color 92.4480, 0.3266, 0.3407.

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

92.4480, 0.3266, 0.3407

Protanopia

92.2588, 0.3259, 0.3408

Deuteranopia

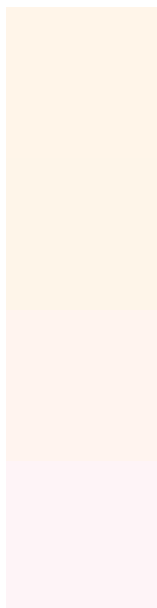
92.4324, 0.3205, 0.3300



Tritanopia

92.3920, 0.3126, 0.3175

Trichromacy



Original Color

92.4480, 0.3266, 0.3407

Protanomaly

92.2588, 0.3259, 0.3408

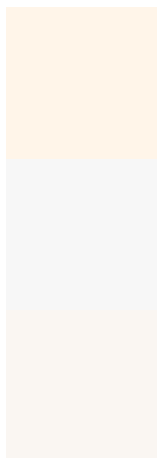
Deuteranomaly

92.1934, 0.3229, 0.3339

Tritanomaly

92.4876, 0.3174, 0.3261

Monochromacy



Original Color

92.4480, 0.3266, 0.3407

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.6463, 0.3177, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4480, 0.3266, 0.3407 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, 245, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 233)  
}
```

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, 245, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 233) }
```

Border

The CSS property to change the border of an element to Yxy 92.4480, 0.3266, 0.3407 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, 245, 233) }
```

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

```
.border{ border-color:rgb(255, 245, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 245, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 245, 233); box-shadow:4px 4px 4px 4px rgb(255, 245, 233) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4480, 0.3266, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 233) }
```

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

```
.background{ background-color: rgb(255,  
245, 233) }
```

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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