

# Converting Colors

$Y_{xy}(92.1210, 0.3241, 0.3358)$

Have a look what the booklet for  
Yxy(92.1210, 0.3241, 0.3358)  
contains.

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# Color

**Yxy(92.0758, 0.3242, 0.3358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF4ED
RGB	255, 244, 237
RGB Percent	100%, 96%, 93%
CMY	0.0000, 0.0432, 0.0705
CMYK	0.00, 0.04, 0.07, 0.00
HSL	23°, 100%, 96%
HSV	23°, 7%, 100%
XYZ	88.8951, 92.0758, 93.2274
YIQ	246.4910, 8.8030, 0.1550

# Conversions

## Conversions Part 2

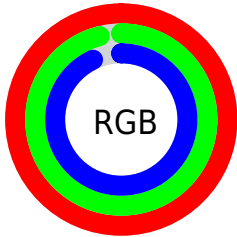
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 248, 237
Decimal	16774381
CIE Lab	96.85, 2.54, 4.66
CIE LCh	97, 5.306, 61.361
Yxy	92.0758, 0.3242, 0.3358
Android (android.graphics.Color)	4294964461 (0xFFFFF4ED)
YUV	246.4910, -4.6791, 7.4624
Hunter-Lab	95.9561, -2.5584, 9.5653

# Details

The Yxy color 92.0758, 0.3242, 0.3358 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.3894, 0.3018, 0.3221, and the grayscale version is 92.6051, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.3084, 0.3266, 0.3377 is the 20% darker color. If you saturate the color by 10%, you get 81.6742, 0.3427, 0.3460, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

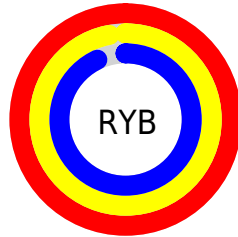
# Distribution



Red (100%)

Green (96%)

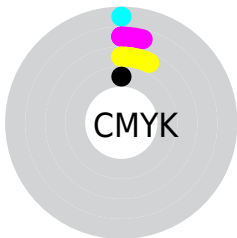
Blue (93%)



Red (100%)

Yellow (97%)

Blue (93%)

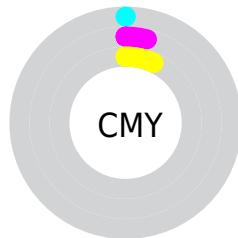


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (4%)


Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.0758, 0.3242, 0.3358 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 92.0758, 0.3242, 0.3358 by changing the saturation by 10% instead.




 92.0758, 0.3242,  
0.3358

 92.0758, 0.3242,  
0.3358


534.7605, 0.3191,  
0.3328

 69.7036, 0.3253,  
0.3365

150.2184, 0.3225,  
0.3348

 51.2849, 0.3267,  
0.3372


186.7577, 0.3218,  
0.3344

 36.4354, 0.3284,  
0.3382

228.7880, 0.3212,  
0.3340

 24.7707, 0.3305,  
0.3395

276.6939, 0.3207,  
0.3337

 15.9063, 0.3334,  
0.3411

330.8597, 0.3202,  
0.3335

 9.4579, 0.3373,  
0.3433

391.6698, 0.3198,

 5.0410, 0.3431,

0.3332

0.3465

459.5086, 0.3194,  
0.3330

■ 2.2713, 0.3525,  
0.3516

■ 0.7585, 0.3835,  
0.3715

■ 92.0758, 0.3242,  
0.3358

■ 92.0758, 0.3242,  
0.3358

■ 81.6742, 0.3427,  
0.3460

100.0000, 0.3127,  
0.3290

■ 72.2601, 0.3644,  
0.3566

■ 63.7968, 0.3894,  
0.3673

■ 56.2526, 0.4177,  
0.3775

■ 49.5939, 0.4490,  
0.3863

■ 43.7848, 0.4820,  
0.3924

■ 38.7866, 0.5150,  
0.3946

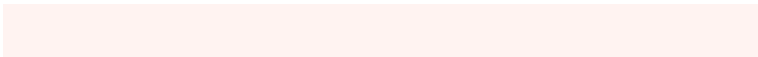
■ 34.5565, 0.5452,  
0.3916

■ 31.0454, 0.5700,  
0.3833

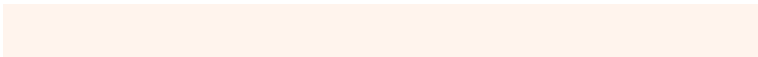
# Harmonies

## Analogous

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



92.0758, 0.3236, 0.3311



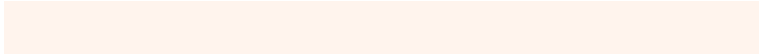
92.0758, 0.3242, 0.3358



92.0758, 0.3217, 0.3388

# Triad

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



92.0758, 0.3242, 0.3358



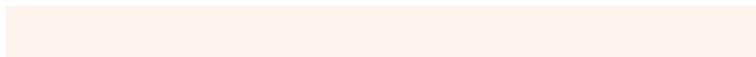
92.0758, 0.3055, 0.3322



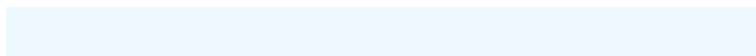
92.0758, 0.3085, 0.3191

# Complementary

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



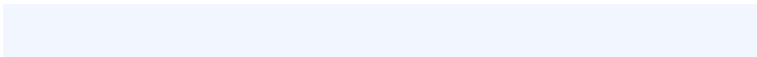
92.0758, 0.3242, 0.3358



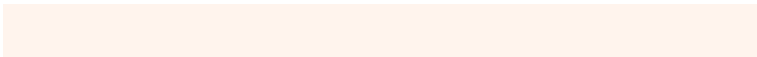
92.3894, 0.3018, 0.3221

# Split Complementary

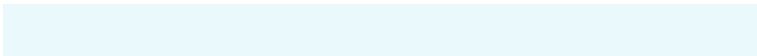
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0758, 0.3038, 0.3193



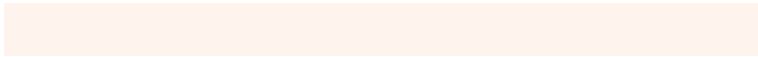
92.0758, 0.3242, 0.3358



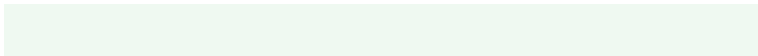
92.0758, 0.3020, 0.3268

# Square

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



92.0758, 0.3242, 0.3358



92.0758, 0.3109, 0.3367



92.0758, 0.3014, 0.3221

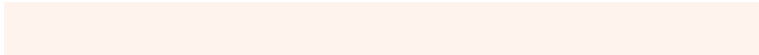


92.0758, 0.3145, 0.3215



# Rectangle

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



92.0758, 0.3242, 0.3358



92.0758, 0.3187, 0.3393



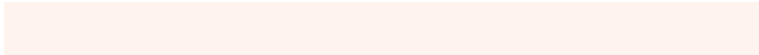
92.0758, 0.3014, 0.3221



92.0758, 0.3067, 0.3189

# Sweetspot

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



92.0689, 0.3242, 0.3358



97.6979, 0.3158, 0.3309



88.6283, 0.3178, 0.3183



20.9356, 0.3157, 0.3308



0.0000, 0.0000, 0.0000

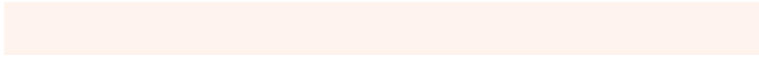


21.4041, 0.3127, 0.3290

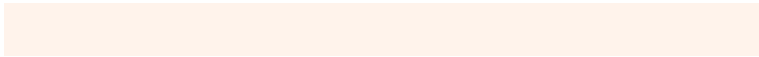


# Same Dimension

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



92.0689, 0.3242, 0.3358



91.0364, 0.3258, 0.3367



97.5655, 0.3234, 0.3443



19.1402, 0.3285, 0.3383



16.0128, 0.5736, 0.3827

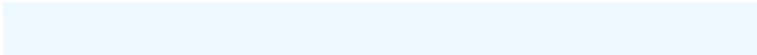


1.7634, 0.5525, 0.3995

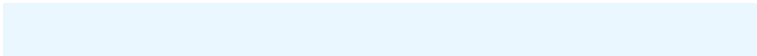


# Inverse Universe

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



92.3894, 0.3018, 0.3221



91.3978, 0.3003, 0.3211



87.0349, 0.3019, 0.3132



19.2311, 0.2979, 0.3196



16.5423, 0.1879, 0.1966

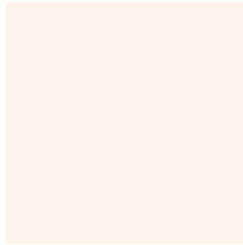


1.8228, 0.1926, 0.2133



# Previews

## White Background



This preview shows how the Yxy color 92.0758, 0.3242, 0.3358 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

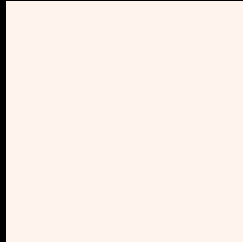
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 92.0758, 0.3242, 0.3358 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

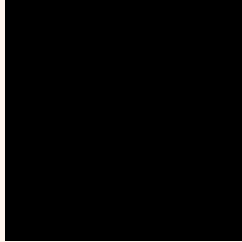
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 92.0758, 0.3242, 0.3358**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.0758, 0.3242, 0.3358.

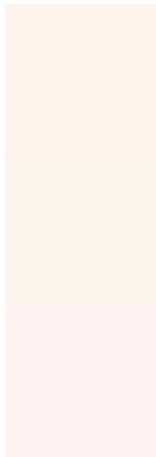


This preview shows how white text looks on a background with the Yxy color 92.0758, 0.3242, 0.3358.

# 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

92.0758, 0.3242, 0.3358

### Protanopia

92.1733, 0.3215, 0.3359

### Deuteranopia

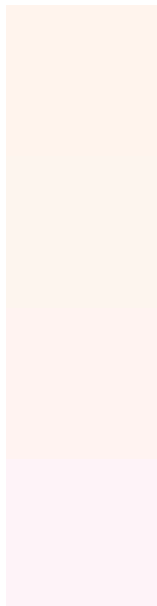
91.8928, 0.3199, 0.3281



## Tritanopia

91.7951, 0.3127, 0.3165

# Trichromacy



## Original Color

92.0758, 0.3242, 0.3358

## Protanomaly

92.3605, 0.3222, 0.3359

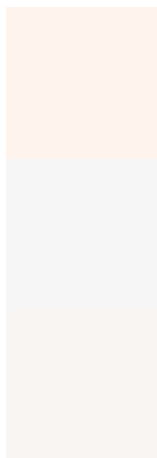
## Deuteranomaly

91.7121, 0.3218, 0.3310

## Tritanomaly

91.9493, 0.3168, 0.3242

# Monochromacy



## Original Color

92.0758, 0.3242, 0.3358

## Achromatopsia

92.1582, 0.3127, 0.3290

## Achromatomaly

91.9156, 0.3165, 0.3310

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  92.0758, 0.3242, 0.3358 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  $rgb(255, 244, 237)$  looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 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, 244, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 237) }
```

## Border

The CSS property to change the border of an element to Yxy 92.0758, 0.3242, 0.3358 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, 244, 237) }
```

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

```
.border{ border-color:rgb(255, 244, 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, 244, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
237) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.0758, 0.3242, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 237) }
```

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

```
.background{ background-color: rgb(255,  
244, 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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