

# Converting Colors

$Yxy(92.0816, 0.3226, 0.3373)$

Have a look what the booklet for  
Yxy(92.0816, 0.3226, 0.3373)  
contains.

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# Color

**Yxy(92.0564, 0.3227, 0.3378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCF5EC
RGB	252, 245, 236
RGB Percent	99%, 96%, 93%
CMY	0.0118, 0.0392, 0.0744
CMYK	0.00, 0.03, 0.06, 0.01
HSL	34°, 73%, 96%
HSV	34°, 6%, 99%
XYZ	87.9414, 92.0564, 92.5197
YIQ	246.0670, 7.0610, -1.3150

# Conversions

## Conversions Part 2

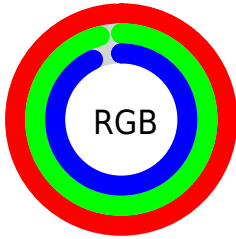
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 252, 236
Decimal	16578028
CIE Lab	96.84, 0.82, 5.12
CIE LCh	97, 5.190, 80.884
Yxy	92.0564, 0.3227, 0.3378
Android (android.graphics.Color)	4294768108 (0xFFFCF5EC)
YUV	246.0670, -4.9630, 5.2032
Hunter-Lab	95.9460, -4.2975, 9.9895

# Details

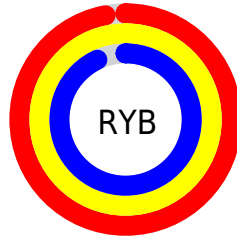
The Yxy color 92.0564, 0.3227, 0.3378 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.9904, 0.3029, 0.3200, and the grayscale version is 92.2568, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.2926, 0.3247, 0.3403 is the 20% darker color. If you saturate the color by 10%, you get 84.2113, 0.3401, 0.3524, and if you desaturate by 10%, it is 99.4352, 0.3109, 0.3290.

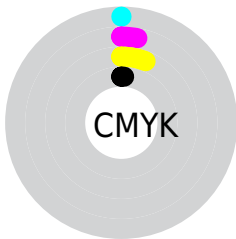
# Distribution



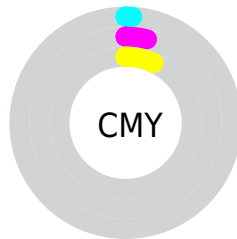
- Red (99%)
- Green (96%)
- Blue (93%)



- Red (97%)
- Yellow (99%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (1%)




- Cyan (1%)
- Magenta (4%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.0564, 0.3227, 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 92.0564, 0.3227, 0.3378 by changing the saturation by 10% instead.




 92.0564, 0.3227,  
0.3378

 92.0564, 0.3227,  
0.3378

534.6978, 0.3183,  
0.3339

 69.6875, 0.3237,  
0.3387


150.1916, 0.3212,  
0.3365

 51.2718, 0.3249,  
0.3397


186.7266, 0.3206,  
0.3360

 36.4250, 0.3263,  
0.3410


228.7524, 0.3201,  
0.3355

 24.7626, 0.3282,  
0.3426

276.6535, 0.3196,  
0.3351

 15.9003, 0.3307,  
0.3447

330.8142, 0.3192,  
0.3348

 9.4536, 0.3341,  
0.3477

391.6188, 0.3189,

 5.0382, 0.3391,

0.3344

0.3520

459.4519, 0.3186,  
0.3342

■ 2.2697, 0.3471,  
0.3589

■ 0.7576, 0.3768,  
0.3857

■ 92.0564, 0.3227,  
0.3378

■ 92.0564, 0.3227,  
0.3378

■ 84.2113, 0.3401,  
0.3524

■ 99.4352, 0.3109,  
0.3290

■ 76.9525, 0.3597,  
0.3675

■ 70.2676, 0.3814,  
0.3826

■ 64.1394, 0.4049,  
0.3972

■ 58.5496, 0.4297,  
0.4103

■ 53.4783, 0.4549,  
0.4206

■ 48.9041, 0.4791,  
0.4269

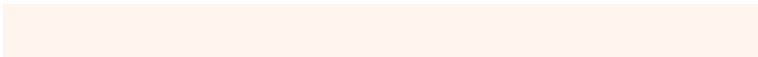
■ 44.8026, 0.5010,  
0.4280

■ 41.1455, 0.5191,  
0.4237

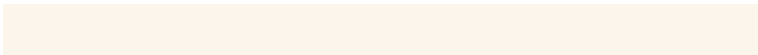
# Harmonies

## Analogous

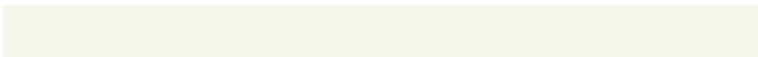
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0564, 0.3241, 0.3342



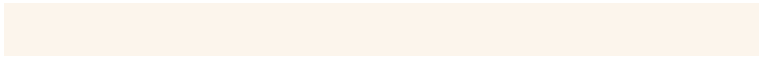
92.0564, 0.3227, 0.3378



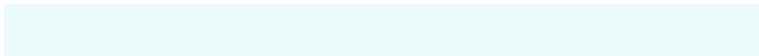
92.0564, 0.3186, 0.3391

# Triad

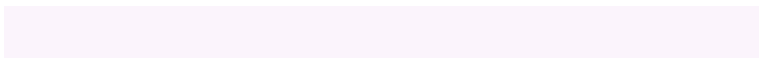
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.0564, 0.3227, 0.3378



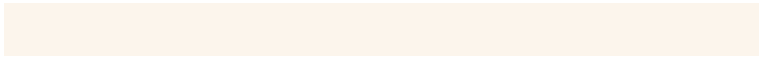
92.0564, 0.3031, 0.3287



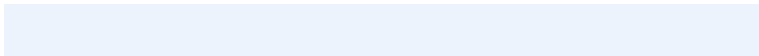
92.0564, 0.3124, 0.3206

# Complementary

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



92.0564, 0.3227, 0.3378



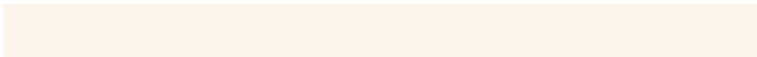
88.9904, 0.3029, 0.3200

# Split Complementary

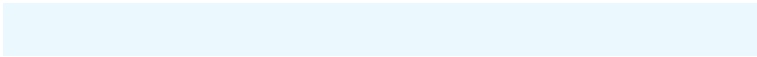
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0564, 0.3068, 0.3191



92.0564, 0.3227, 0.3378



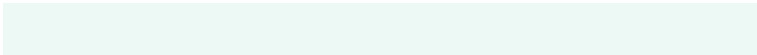
92.0564, 0.3015, 0.3237

# Square

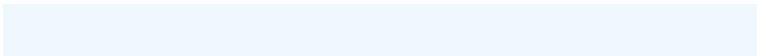
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.0564, 0.3227, 0.3378



92.0564, 0.3073, 0.3338



92.0564, 0.3028, 0.3202

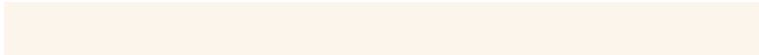


92.0564, 0.3181, 0.3243



# Rectangle

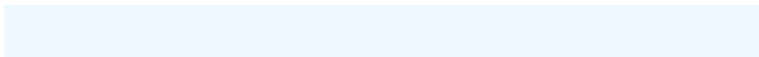
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.0564, 0.3227, 0.3378



92.0564, 0.3150, 0.3384



92.0564, 0.3028, 0.3202



92.0564, 0.3104, 0.3198

# Sweetspot

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



92.0604, 0.3227, 0.3378



98.2577, 0.3158, 0.3317



87.1936, 0.3189, 0.3220



21.0495, 0.3156, 0.3316



0.0000, 0.0000, 0.0000

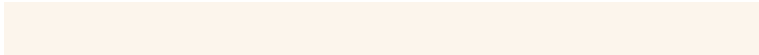


21.4041, 0.3127, 0.3290

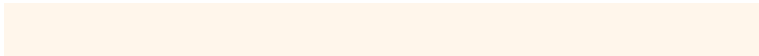


# Same Dimension

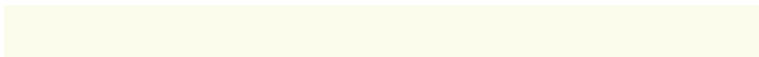
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0604, 0.3227, 0.3378



93.1816, 0.3255, 0.3402



96.2250, 0.3216, 0.3446



18.8427, 0.3280, 0.3423



21.0849, 0.5229, 0.4230

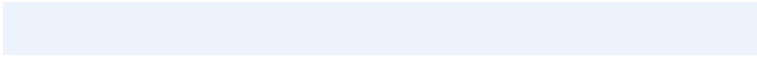


2.1639, 0.5071, 0.4355

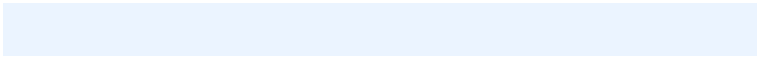


# Inverse Universe

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



88.9904, 0.3029, 0.3200



89.2405, 0.3003, 0.3176



85.0188, 0.3035, 0.3130



17.8950, 0.2979, 0.3153



9.8045, 0.1716, 0.1376

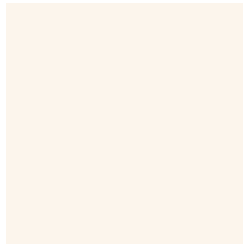


1.1151, 0.1780, 0.1606



# Previews

## White Background



This preview shows how the Yxy color 92.0564, 0.3227, 0.3378 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

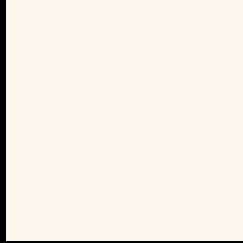
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 92.0564, 0.3227, 0.3378 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

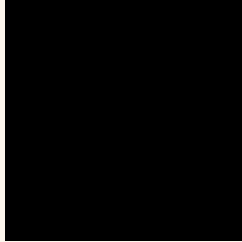
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

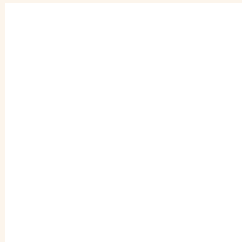
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 92.0564, 0.3227, 0.3378**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.0564, 0.3227, 0.3378.

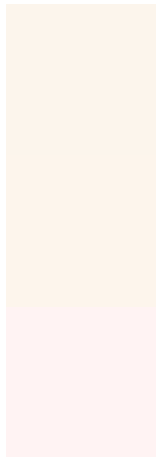


This preview shows how white text looks on a background with the Yxy color 92.0564, 0.3227, 0.3378.

# 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

92.0564, 0.3227, 0.3378

### Protanopia

92.2436, 0.3234, 0.3378

### Deuteranopia

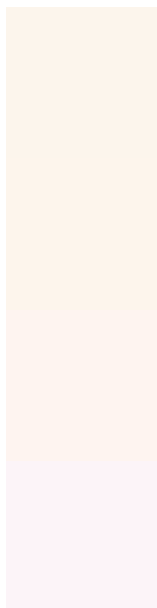
91.8322, 0.3206, 0.3290



## Tritanopia

92.0166, 0.3113, 0.3174

# Trichromacy



## Original Color

92.0564, 0.3227, 0.3378

## Protanomaly

92.2436, 0.3234, 0.3378

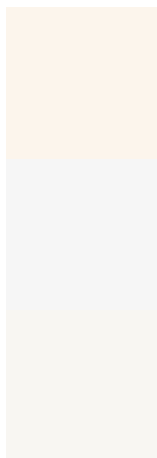
## Deuteranomaly

92.0635, 0.3217, 0.3329

## Tritanomaly

92.1741, 0.3155, 0.3251

# Monochromacy



## Original Color

92.0564, 0.3227, 0.3378

## Achromatopsia

92.1582, 0.3127, 0.3290

## Achromatomaly

92.2788, 0.3164, 0.3329

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.0564, 0.3227, 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(252, 245, 236)` looks like.

```
.text, #text, p{  
    color:rgb(252, 245, 236)  
}
```

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(252, 245, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 245, 236) }
```

## Border

The CSS property to change the border of an element to Yxy 92.0564, 0.3227, 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(252, 245, 236) }
```

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

```
.border{ border-color:rgb(252, 245, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 245, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 245, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 245, 236);  
box-shadow:4px 4px 4px 4px rgb(252, 245,  
236) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.0564, 0.3227, 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(252, 245, 236) }
```

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

```
.background{ background-color: rgb(252,  
245, 236) }
```

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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