

# Converting Colors

$Yxy(92.4837, 0.3362, 0.3592)$

Have a look what the booklet for  
Yxy(92.4837, 0.3362, 0.3592)  
contains.

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# Color

**Yxy(92.5502, 0.3362, 0.3596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEF7D8
RGB	254, 247, 216
RGB Percent	100%, 97%, 85%
CMY	0.0040, 0.0313, 0.1528
CMYK	0.00, 0.03, 0.15, 0.00
HSL	49°, 95%, 92%
HSV	49°, 15%, 100%
XYZ	86.5277, 92.5502, 78.2919
YIQ	245.5590, 14.1230, -8.1570

# Conversions

## Conversions Part 2

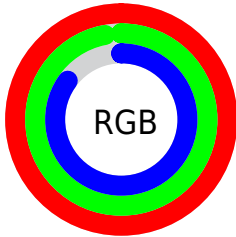
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 254, 216
Decimal	16709592
CIE Lab	97.04, -2.67, 15.73
CIE LCh	97, 15.953, 99.637
Yxy	92.5502, 0.3362, 0.3596
Android (android.graphics.Color)	4294899672 (0xFFFEF7D8)
YUV	245.5590, -14.5726, 7.4028
Hunter-Lab	96.2030, -7.8073, 19.0907

# Details

The Yxy color **92.5502, 0.3362, 0.3596** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.5413, 0.2887, 0.2964**, and the grayscale version is **91.8984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7051, 0.3412, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **88.5197, 0.3531, 0.3808**, and if you desaturate by 10%, it is **96.8635, 0.3202, 0.3389**.

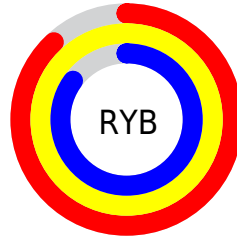
# Distribution



Red (100%)

Green (97%)

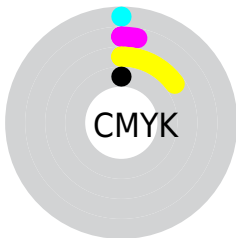
Blue (85%)



Red (88%)

Yellow (100%)

Blue (85%)

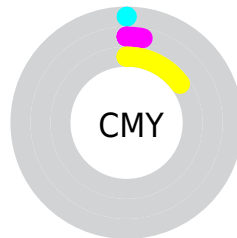


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (3%)


Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.5502, 0.3362, 0.3596 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 92.5502, 0.3362, 0.3596 by changing the saturation by 10% instead.



 92.5502, 0.3362,  
0.3596

 92.5502, 0.3362,  
0.3596


536.2921, 0.3258,  
0.3460

 70.0977, 0.3385,  
0.3626

150.8757, 0.3327,  
0.3550

 51.6062, 0.3412,  
0.3662


187.5175, 0.3313,  
0.3531

 36.6913, 0.3445,  
0.3707


229.6579, 0.3301,  
0.3516

 24.9685, 0.3488,  
0.3765

277.6813, 0.3290,  
0.3502

 16.0536, 0.3543,  
0.3840

331.9720, 0.3281,  
0.3489

 9.5621, 0.3619,  
0.3944

392.9144, 0.3273,

 5.1096, 0.3725,

0.3478

0.4093

460.8930, 0.3265,  
0.3469

■ 2.3117, 0.3886,  
0.4327

■ 0.7799, 0.4643,  
0.5357

■ 92.5502, 0.3362,  
0.3596

■ 92.5502, 0.3362,  
0.3596

■ 88.5197, 0.3531,  
0.3808

■ 96.8635, 0.3202,  
0.3389

■ 84.7498, 0.3707,  
0.4019

99.8081, 0.3121,  
0.3290

■ 81.2342, 0.3883,  
0.4221

■ 77.9614, 0.4053,  
0.4404

■ 74.9187, 0.4211,  
0.4556

■ 72.0921, 0.4347,  
0.4670

■ 69.4652, 0.4457,  
0.4737

■ 67.0177, 0.4536,  
0.4758

■ 65.8339, 0.4568,  
0.4755

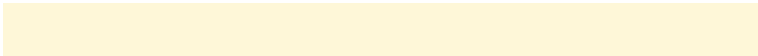
# Harmonies

## Analogous

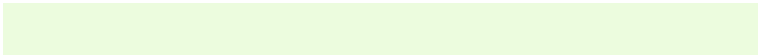
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5502, 0.3462, 0.3521



92.5502, 0.3362, 0.3596



92.5502, 0.3200, 0.3587

# Triad

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



92.5502, 0.3362, 0.3596



92.5502, 0.2796, 0.3176



92.5502, 0.3227, 0.3101

# Complementary

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



92.5502, 0.3362, 0.3596



74.5413, 0.2887, 0.2964

# Split Complementary

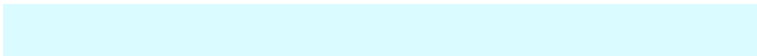
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5502, 0.3047, 0.3013



92.5502, 0.3362, 0.3596



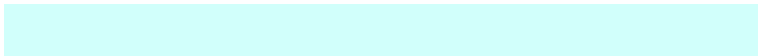
92.5502, 0.2802, 0.3051

# Square

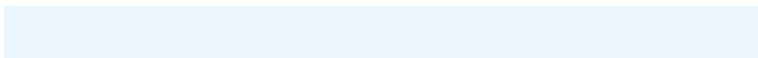
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.5502, 0.3362, 0.3596



92.5502, 0.2875, 0.3338



92.5502, 0.2892, 0.2994



92.5502, 0.3383, 0.3236

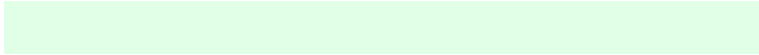


# Rectangle

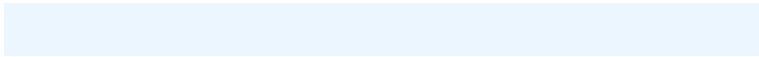
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.5502, 0.3362, 0.3596



92.5502, 0.3080, 0.3532



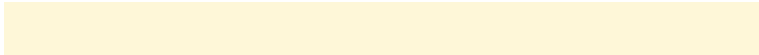
92.5502, 0.2892, 0.2994



92.5502, 0.3167, 0.3065

# Sweetspot

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



92.5543, 0.3362, 0.3596



98.1697, 0.3188, 0.3370



75.5595, 0.3354, 0.3214



20.9398, 0.3199, 0.3385



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.



92.5543, 0.3362, 0.3596



92.1218, 0.3413, 0.3661



94.8178, 0.3278, 0.3671



20.4893, 0.3274, 0.3483



34.9152, 0.4561, 0.4761



3.5402, 0.4511, 0.4800



# Inverse Universe

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



74.5413, 0.2887, 0.2964



70.6939, 0.2834, 0.2890



72.6840, 0.2961, 0.2898



17.9178, 0.2979, 0.3090



4.9842, 0.1547, 0.0768

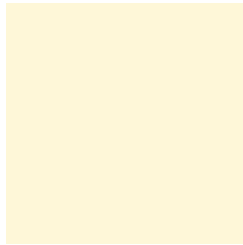


0.6235, 0.1598, 0.0952



# Previews

## White Background



This preview shows how the Yxy color 92.5502, 0.3362, 0.3596 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

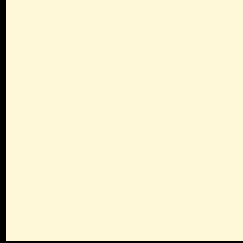
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 92.5502, 0.3362, 0.3596 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

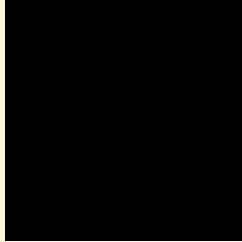
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 92.5502, 0.3362, 0.3596**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.5502, 0.3362, 0.3596.

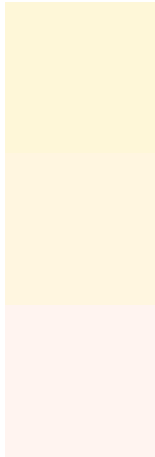


This preview shows how white text looks on a background with the Yxy color 92.5502, 0.3362, 0.3596.

# 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

92.5502, 0.3362, 0.3596

### Protanopia

92.5534, 0.3320, 0.3506

### Deuteranopia

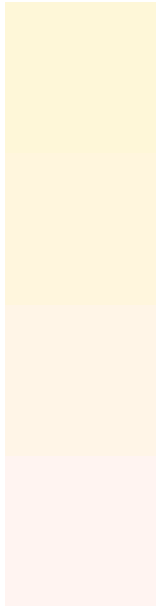
92.2526, 0.3223, 0.3329



## Tritanopia

92.5812, 0.3133, 0.3175

# Trichromacy



## Original Color

92.5502, 0.3362, 0.3596

## Protanomaly

92.3920, 0.3339, 0.3536

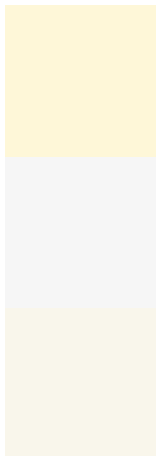
## Deuteranomaly

92.3343, 0.3278, 0.3427

## Tritanomaly

92.3122, 0.3217, 0.3319

# Monochromacy



## Original Color

92.5502, 0.3362, 0.3596

## Achromatopsia

92.1582, 0.3127, 0.3290

## Achromatomaly

92.0494, 0.3213, 0.3399

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.5502, 0.3362, 0.3596 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(254, 247, 216)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 216)  
}
```

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(254, 247, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 216) }
```

## Border

The CSS property to change the border of an element to Yxy 92.5502, 0.3362, 0.3596 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(254, 247, 216) }
```

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

```
.border{ border-color:rgb(254, 247, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 247, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 216);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
216) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.5502, 0.3362, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 216) }
```

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

```
.background{ background-color: rgb(254,  
247, 216) }
```

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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