

Converting Colors

$Yxy(92.5647, 0.3276, 0.3570)$

Have a look what the booklet for
Yxy(92.5647, 0.3276, 0.3570)
contains.

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Color

Yxy(92.5647, 0.3276, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	F6F9DD
RGB	246, 249, 221
RGB Percent	96%, 98%, 87%
CMY	0.0351, 0.0235, 0.1334
CMYK	0.01, 0.00, 0.11, 0.02
HSL	66°, 70%, 92%
HSV	66°, 11%, 98%
XYZ	84.9417, 92.5647, 81.7784
YIQ	244.9110, 7.2000, -9.3440

Conversions

Conversions Part 2

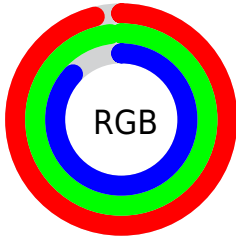
Format	Color
R _{YB}	221, 249, 224
Decimal	16185821
CIE Lab	97.05, -5.68, 13.12
CIE LCh	97, 14.292, 113.396
Yxy	92.5647, 0.3276, 0.3570
Android (android.graphics.Color)	4294375901 (0xFFFF6F9DD)
YUV	244.9110, -11.7881, 0.9551
Hunter-Lab	96.2106, -10.7756, 16.9512

Details

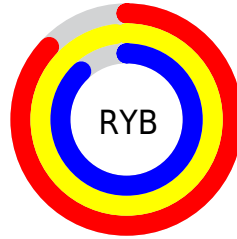
The Yxy color **92.5647, 0.3276, 0.3570** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.3750, 0.2969, 0.2997**, and the grayscale version is **91.3338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8403, 0.3309, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **90.8678, 0.3411, 0.3828**, and if you desaturate by 10%, it is **94.4733, 0.3143, 0.3320**.

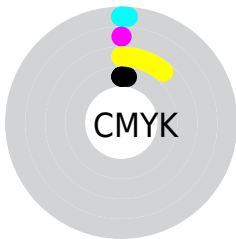
Distribution



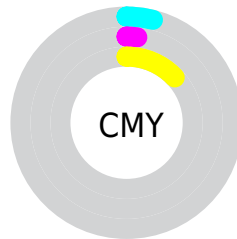
- Red (96%)
- Green (98%)
- Blue (87%)



- Red (87%)
- Yellow (98%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.5647, 0.3276, 0.3570 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 92.5647, 0.3276, 0.3570 by changing the saturation by 10% instead.


 92.5647, 0.3276,
0.3570

 92.5647, 0.3276,
0.3570


536.3389, 0.3211,
0.3445

 70.1098, 0.3290,
0.3598

150.8958, 0.3254,
0.3527

 51.6160, 0.3307,
0.3631


187.5408, 0.3245,
0.3510

 36.6991, 0.3328,
0.3674


229.6845, 0.3238,
0.3496

 24.9746, 0.3355,
0.3727

277.7114, 0.3231,
0.3483

 16.0581, 0.3389,
0.3799

332.0059, 0.3225,
0.3472

 9.5653, 0.3435,
0.3897

392.9524, 0.3220,

 5.1117, 0.3501,

0.3462

0.4043

460.9353, 0.3215,
0.3453

■ 2.3130, 0.3598,
0.4277

■ 0.7806, 0.4360,
0.5640

■ 92.5647, 0.3276,
0.3570

■ 92.5647, 0.3276,
0.3570

■ 90.8678, 0.3411,
0.3828

■ 94.4733, 0.3143,
0.3320

■ 89.3616, 0.3543,
0.4088

■ 95.5313, 0.3106,
0.3232

■ 88.0410, 0.3668,
0.4341

■ 96.0223, 0.3123,
0.3233

■ 86.8959, 0.3781,
0.4576

■ 96.2285, 0.3130,
0.3233

■ 85.9152, 0.3875,
0.4784

■ 85.0865, 0.3945,
0.4954

■ 84.3955, 0.3990,
0.5080

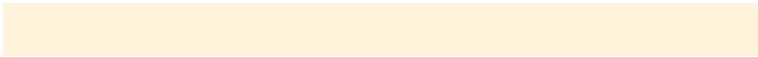
■ 83.8252, 0.4008,
0.5161

■ 83.4019, 0.4006,
0.5201

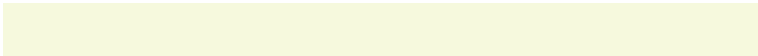
Harmonies

Analogous

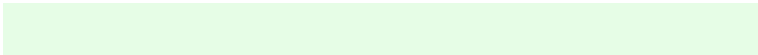
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5647, 0.3395, 0.3536



92.5647, 0.3276, 0.3570



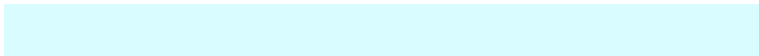
92.5647, 0.3119, 0.3525

Triad

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



92.5647, 0.3276, 0.3570



92.5647, 0.2822, 0.3131



92.5647, 0.3286, 0.3172

Complementary

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



92.5647, 0.3276, 0.3570



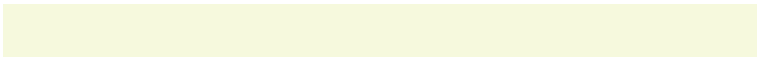
74.3750, 0.2969, 0.2997

Split Complementary

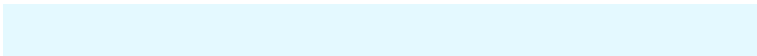
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5647, 0.3129, 0.3070



92.5647, 0.3276, 0.3570



92.5647, 0.2864, 0.3044

Square

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



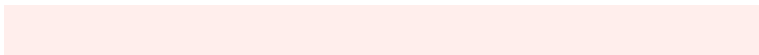
92.5647, 0.3276, 0.3570



92.5647, 0.2860, 0.3265



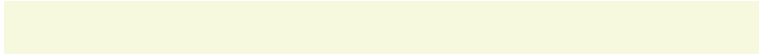
92.5647, 0.2975, 0.3023



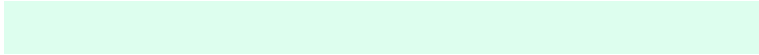
92.5647, 0.3402, 0.3305

Rectangle

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



92.5647, 0.3276, 0.3570



92.5647, 0.3015, 0.3455



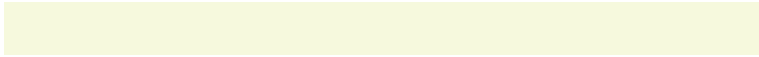
92.5647, 0.2975, 0.3023



92.5647, 0.3236, 0.3133

Sweetspot

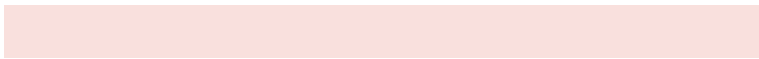
The Sweet Spot groups the original color and five complimentary colors.



92.5687, 0.3276, 0.3570



99.3646, 0.3166, 0.3363



78.5501, 0.3326, 0.3319



21.2325, 0.3177, 0.3383



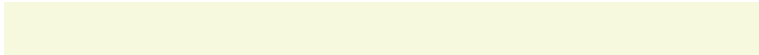
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

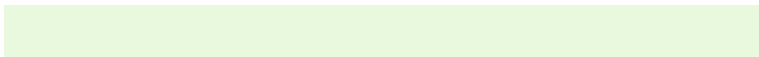
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5687, 0.3276, 0.3570



97.2044, 0.3313, 0.3641



90.1543, 0.3185, 0.3578



20.0925, 0.3252, 0.3525



44.6830, 0.4009, 0.5199



4.1643, 0.4033, 0.5180

Inverse Universe

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



74.3750, 0.2969, 0.2997



73.7370, 0.2926, 0.2919



76.6800, 0.3063, 0.3006



16.7304, 0.2995, 0.3046



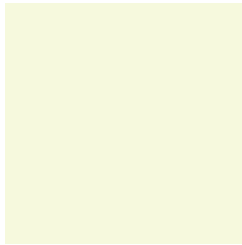
3.8084, 0.1536, 0.0620



0.3807, 0.1607, 0.0659

Previews

White Background



This preview shows how the Yxy color 92.5647, 0.3276, 0.3570 looks on a white background.

Color Contrast Check

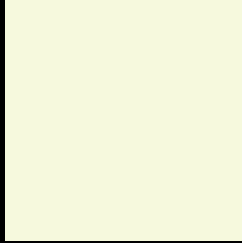
Large Text (above 18pt) WCAG AA × Fail

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 92.5647, 0.3276, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

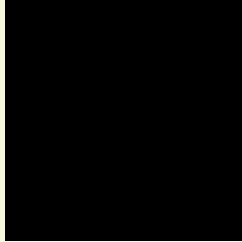
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

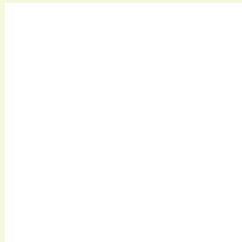
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.5647, 0.3276, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 92.5647, 0.3276, 0.3570.

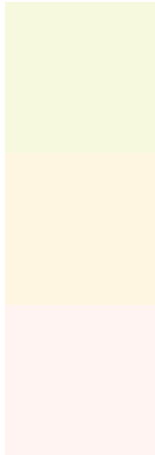


This preview shows how white text looks on a background with the Yxy color 92.5647, 0.3276, 0.3570.

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

92.5647, 0.3276, 0.3570

Protanopia

92.6078, 0.3314, 0.3496

Deuteranopia

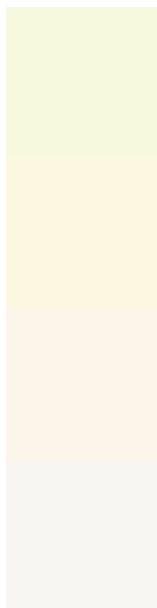
92.3122, 0.3217, 0.3319



Tritanopia

92.6646, 0.3093, 0.3193

Trichromacy



Original Color

92.5647, 0.3276, 0.3570

Protanomaly

92.5988, 0.3299, 0.3517

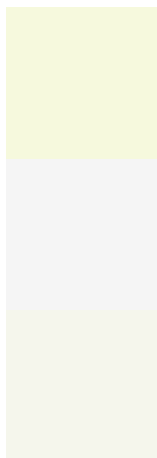
Deuteranomaly

92.5475, 0.3239, 0.3408

Tritanomaly

92.3391, 0.3158, 0.3320

Monochromacy



Original Color

92.5647, 0.3276, 0.3570

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.3801, 0.3181, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5647, 0.3276, 0.3570 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(246, 249, 221)` looks like.

```
.text, #text, p{  
    color:rgb(246, 249, 221)  
}
```

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(246, 249, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 249, 221) }
```

Border

The CSS property to change the border of an element to Yxy 92.5647, 0.3276, 0.3570 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(246, 249, 221) }
```

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

```
.border{ border-color:rgb(246, 249, 221) }
```

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

Here you see how a box with a 4 pixel rgb(246, 249, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 249, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 249, 221);  
box-shadow:4px 4px 4px 4px rgb(246, 249,  
221) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 92.5647, 0.3276, 0.3570$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 249, 221) }
```

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

```
.background{ background-color: rgb(246,  
249, 221) }
```

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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