

Converting Colors

$Yxy(92.5658, 0.3351, 0.3668)$

Have a look what the booklet for
Yxy(92.5658, 0.3351, 0.3668)
contains.

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Color

Yxy(92.4110, 0.3350, 0.3670)

Conversions

Conversions Part 1

Format	Color
Hex	F8F9D3
RGB	248, 249, 211
RGB Percent	97%, 98%, 83%
CMY	0.0274, 0.0235, 0.1724
CMYK	0.00, 0.00, 0.15, 0.02
HSL	62°, 76%, 90%
HSV	62°, 15%, 98%
XYZ	84.3534, 92.4110, 75.0367
YIQ	244.3690, 11.6020, -12.0300

Conversions

Conversions Part 2

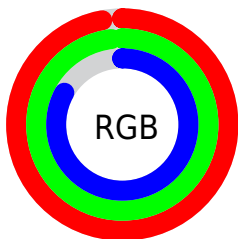
Format	Color
R _Y B	211, 249, 212
Decimal	16316883
CIE Lab	96.99, -6.52, 18.15
CIE LCh	97, 19.284, 109.761
Yxy	92.4110, 0.3350, 0.3670
Android (android.graphics.Color)	4294506963 (0xFFF8F9D3)
YUV	244.3690, -16.4509, 3.1844
Hunter-Lab	96.1306, -11.5972, 21.0114

Details

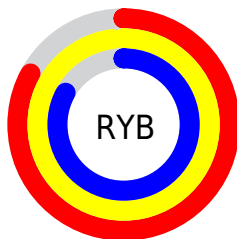
The Yxy color **92.4110, 0.3350, 0.3670** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.4398, 0.2886, 0.2881**, and the grayscale version is **90.9115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.6166, 0.3395, 0.3764** is the 20% darker color. If you saturate the color by 10%, you get **91.1445, 0.3499, 0.3925**, and if you desaturate by 10%, it is **93.8795, 0.3203, 0.3419**.

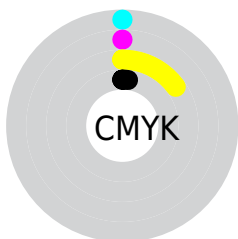
Distribution



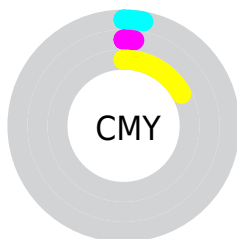
- Red (97%)
- Green (98%)
- Blue (83%)



- Red (83%)
- Yellow (98%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (2%)





- Cyan (3%)
- Magenta (2%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4110, 0.3350, 0.3670 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 92.4110, 0.3350, 0.3670 by changing the saturation by 10% instead.


 92.4110, 0.3350,
0.3670

 92.4110, 0.3350,
0.3670


535.8429, 0.3252,
0.3500

 69.9820, 0.3371,
0.3708


150.6829, 0.3317,
0.3612

 51.5119, 0.3396,
0.3753


187.2946, 0.3304,
0.3589

 36.6162, 0.3427,
0.3811


229.4028, 0.3293,
0.3569

 24.9104, 0.3466,
0.3883

277.3917, 0.3283,
0.3552

 16.0103, 0.3517,
0.3980

331.6457, 0.3274,
0.3536

 9.5315, 0.3583,
0.4112

392.5494, 0.3266,

 5.0894, 0.3675,

0.3523

0.4306

460.4870, 0.3259,
0.3511

■ 2.2998, 0.3815,
0.4620

■ 0.7736, 0.4268,
0.5732

■ 92.4110, 0.3350,
0.3670

■ 92.4110, 0.3350,
0.3670

■ 91.1445, 0.3499,
0.3925

■ 93.8795, 0.3203,
0.3419

■ 90.0588, 0.3643,
0.4175


■ 95.1651, 0.3094,
0.3232


■ 89.1486, 0.3779,
0.4410

■ 95.2830, 0.3098,
0.3232

■ 88.4033, 0.3899,
0.4622


■ 95.4013, 0.3102,
0.3232

 87.8115, 0.3999,
0.4799


 95.5199, 0.3106,
0.3232


 87.3601, 0.4073,
0.4935

 95.6390, 0.3110,
0.3232

 87.0339, 0.4121,
0.5026

 95.7585, 0.3114,
0.3232

 86.8142, 0.4143,
0.5075

 95.8784, 0.3118,
0.3233

 86.7341, 0.4148,
0.5089

 95.9987, 0.3122,
0.3233

Harmonies

Analogous

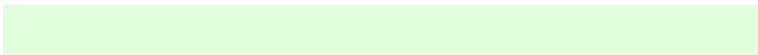
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4110, 0.3503, 0.3608



92.4110, 0.3350, 0.3670



92.4110, 0.3141, 0.3623

Triad

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



92.4110, 0.3350, 0.3670



92.4110, 0.2719, 0.3092



92.4110, 0.3317, 0.3112

Complementary

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



92.4110, 0.3350, 0.3670



67.4398, 0.2886, 0.2881

Split Complementary

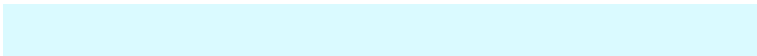
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.4110, 0.3102, 0.2985



92.4110, 0.3350, 0.3670



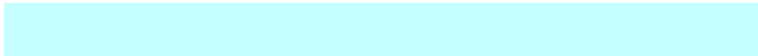
92.4110, 0.2762, 0.2968

Square

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



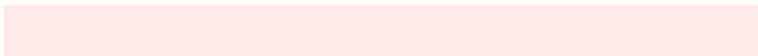
92.4110, 0.3350, 0.3670



92.4110, 0.2781, 0.3279



92.4110, 0.2899, 0.2931



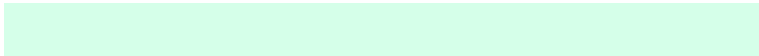
92.4110, 0.3485, 0.3285

Rectangle

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



92.4110, 0.3350, 0.3670



92.4110, 0.2999, 0.3535



92.4110, 0.2899, 0.2931



92.4110, 0.3248, 0.3063

Sweetspot

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



92.4151, 0.3350, 0.3670



99.1438, 0.3199, 0.3413



71.7618, 0.3413, 0.3297



21.1960, 0.3209, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

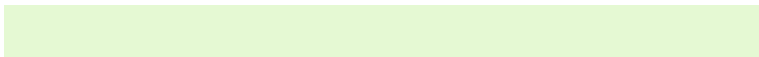
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4151, 0.3350, 0.3670



97.1655, 0.3391, 0.3741



89.1751, 0.3226, 0.3685



20.1667, 0.3265, 0.3525



46.4386, 0.4149, 0.5088



4.3080, 0.4154, 0.5083

Inverse Universe

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



67.4398, 0.2886, 0.2881



66.6126, 0.2837, 0.2798



70.3722, 0.3015, 0.2896



16.6643, 0.2983, 0.3045



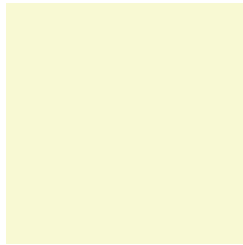
3.6924, 0.1508, 0.0604



0.3492, 0.1527, 0.0615

Previews

White Background



This preview shows how the Yxy color 92.4110, 0.3350, 0.3670 looks on a white background.

Color Contrast Check

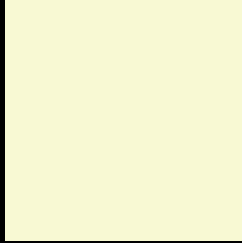
Large Text (above 18pt) WCAG AA × Fail

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 92.4110, 0.3350, 0.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

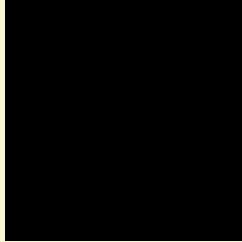
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.4110, 0.3350, 0.3670

Background



This preview shows how black text looks on a background with the Yxy color 92.4110, 0.3350, 0.3670.

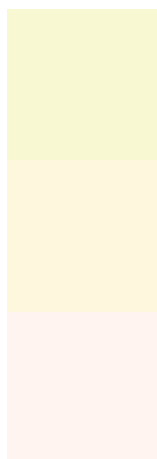


This preview shows how white text looks on a background with the Yxy color 92.4110, 0.3350, 0.3670.

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

92.4110, 0.3350, 0.3670

Protanopia

92.4455, 0.3333, 0.3526

Deuteranopia

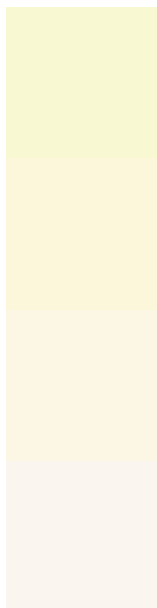
92.1934, 0.3229, 0.3339



Tritanopia

92.4306, 0.3106, 0.3184

Trichromacy



Original Color

92.4110, 0.3350, 0.3670

Protanomaly

92.2789, 0.3336, 0.3577

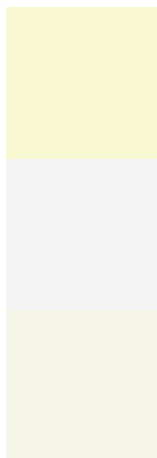
Deuteranomaly

92.2641, 0.3269, 0.3458

Tritanomaly

92.4675, 0.3195, 0.3359

Monochromacy



Original Color

92.4110, 0.3350, 0.3670

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.1502, 0.3205, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4110, 0.3350, 0.3670 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(248, 249, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 249, 211)  
}
```

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(248, 249, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 249, 211) }
```

Border

The CSS property to change the border of an element to Yxy 92.4110, 0.3350, 0.3670 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(248, 249, 211) }
```

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

```
.border{ border-color:rgb(248, 249, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 249, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 249, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 249, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 249,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4110, 0.3350, 0.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 249, 211) }
```

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

```
.background{ background-color: rgb(248,  
249, 211) }
```

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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