

Converting Colors

$Yxy(93.0802, 0.3348, 0.3565)$

Have a look what the booklet for
Yxy(93.0802, 0.3348, 0.3565)
contains.

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Color

Yxy(92.8960, 0.3350, 0.3566)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFF7DB |
| RGB | 255, 247, 219 |
| RGB Percent | 100%, 97%, 86% |
| CMY | 0.0002, 0.0313, 0.1412 |
| CMYK | 0.00, 0.03, 0.14, 0.00 |
| HSL | 47°, 100%, 93% |
| HSV | 47°, 14%, 100% |
| XYZ | 87.2691, 92.8960, 80.3397 |
| YIQ | 246.2000, 13.7560, -7.0120 |

Conversions

Conversions Part 2

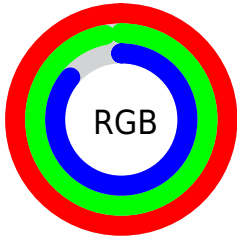
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 229, 255, 219 |
| Decimal | 16775131 |
| CIE Lab | 97.19, -1.90, 14.42 |
| CIE LCh | 97, 14.546, 97.492 |
| Yxy | 92.8960, 0.3350, 0.3566 |
| Android (android.graphics.Color) | 4294965211 (0xFFFFF7DB) |
| YUV | 246.2000, -13.4096, 7.7176 |
| Hunter-Lab | 96.3826, -7.0476, 18.0466 |

Details

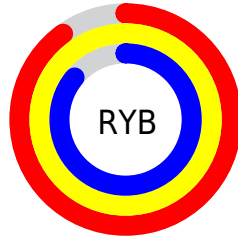
The Yxy color **92.8960, 0.3350, 0.3566** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77.1596, 0.2902, 0.2998**, and the grayscale version is **92.4275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9477, 0.3396, 0.3629** is the 20% darker color. If you saturate the color by 10%, you get **88.2769, 0.3522, 0.3769**, and if you desaturate by 10%, it is **97.8322, 0.3189, 0.3368**.

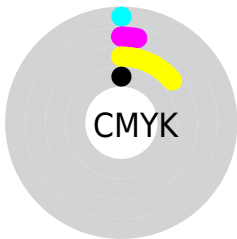
Distribution



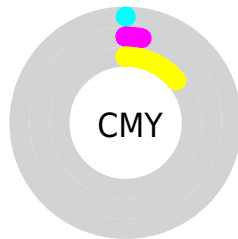
- Red (100%)
- Green (97%)
- Blue (86%)



- Red (90%)
- Yellow (100%)
- Blue (86%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (0%)




- Cyan (0%)
- Magenta (3%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8960, 0.3350, 0.3566 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 92.8960, 0.3350, 0.3566 by changing the saturation by 10% instead.

 92.8960, 0.3350,
0.3566

 92.8960, 0.3350,
0.3566


537.4071, 0.3252,
0.3443

 70.3851, 0.3371,
0.3593


151.3546, 0.3317,
0.3524

 51.8405, 0.3397,
0.3626


188.0711, 0.3304,
0.3508

 36.8780, 0.3429,
0.3666


230.2915, 0.3292,
0.3494

 25.1130, 0.3470,
0.3718

278.4003, 0.3282,
0.3481

 16.1613, 0.3523,
0.3785

332.7819, 0.3273,
0.3470

 9.6384, 0.3595,
0.3878

393.8206, 0.3265,

 5.1598, 0.3698,

0.3460

0.4012

461.9009, 0.3258,
0.3451

■ 2.3414, 0.3855,
0.4222

■ 0.7955, 0.4715,
0.5285

■ 92.8960, 0.3350,
0.3566

■ 92.8960, 0.3350,
0.3566

■ 88.2769, 0.3522,
0.3769

■ 97.8322, 0.3189,
0.3368

■ 83.9525, 0.3702,
0.3973

99.9888, 0.3127,
0.3290

■ 79.9159, 0.3886,
0.4169

■ 76.1552, 0.4067,
0.4347

■ 72.6575, 0.4237,
0.4498

■ 69.4081, 0.4389,
0.4610

■ 66.3905, 0.4515,
0.4676

■ 63.5841, 0.4610,
0.4693

■ 62.0115, 0.4655,
0.4686

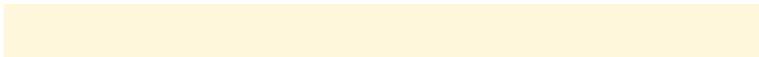
Harmonies

Analogous

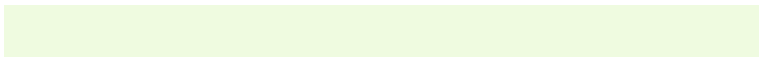
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8960, 0.3436, 0.3494



92.8960, 0.3350, 0.3566



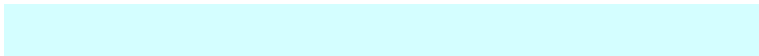
92.8960, 0.3206, 0.3563

Triad

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



92.8960, 0.3350, 0.3566



92.8960, 0.2828, 0.3196



92.8960, 0.3207, 0.3110

Complementary

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



92.8960, 0.3350, 0.3566



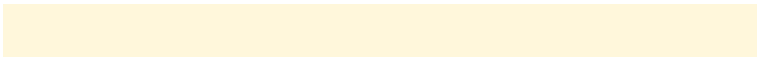
77.1596, 0.2902, 0.2998

Split Complementary

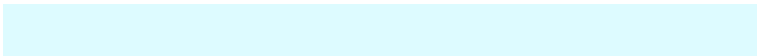
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.8960, 0.3043, 0.3033



92.8960, 0.3350, 0.3566



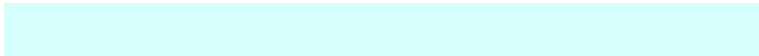
92.8960, 0.2827, 0.3079

Square

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



92.8960, 0.3350, 0.3566



92.8960, 0.2906, 0.3345



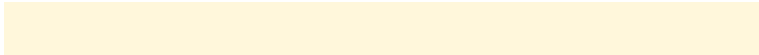
92.8960, 0.2905, 0.3021



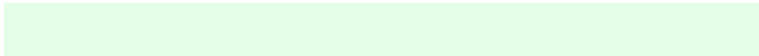
92.8960, 0.3352, 0.3231

Rectangle

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



92.8960, 0.3350, 0.3566



92.8960, 0.3097, 0.3517



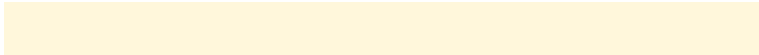
92.8960, 0.2905, 0.3021



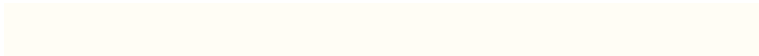
92.8960, 0.3152, 0.3078

Sweetspot

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



92.9001, 0.3350, 0.3566



97.9360, 0.3188, 0.3366



77.4727, 0.3331, 0.3207



20.8805, 0.3199, 0.3381



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.



92.9001, 0.3350, 0.3566



91.5774, 0.3399, 0.3625



96.0722, 0.3277, 0.3648



20.3722, 0.3275, 0.3474



32.6504, 0.4646, 0.4693



3.3386, 0.4584, 0.4743

Inverse Universe

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



77.1596, 0.2902, 0.2998



72.9801, 0.2852, 0.2932



74.4615, 0.2963, 0.2921



18.0260, 0.2979, 0.3099



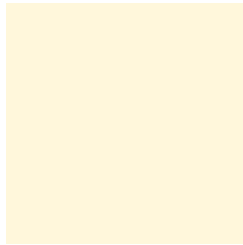
5.4358, 0.1564, 0.0828



0.6823, 0.1619, 0.1027

Previews

White Background



This preview shows how the Yxy color 92.8960, 0.3350, 0.3566 looks on a white background.

Color Contrast Check

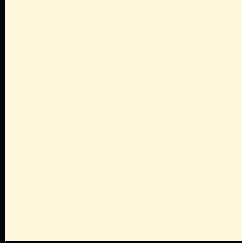
Large Text (above 18pt) WCAG AA × Fail

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 92.8960, 0.3350, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

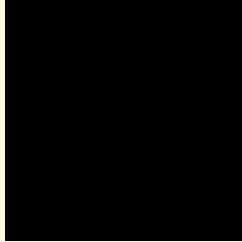
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.8960, 0.3350, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 92.8960, 0.3350, 0.3566.

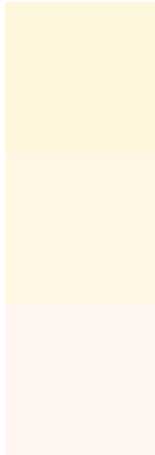


This preview shows how white text looks on a background with the Yxy color 92.8960, 0.3350, 0.3566.

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

92.8960, 0.3350, 0.3566

Protanopia

92.7176, 0.3302, 0.3476

Deuteranopia

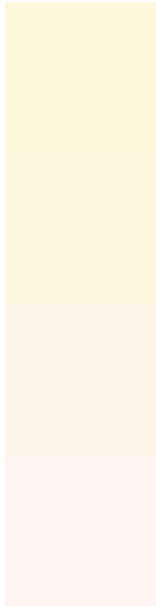
92.9157, 0.3216, 0.3329



Tritanopia

93.1814, 0.3132, 0.3185

Trichromacy



Original Color

92.8960, 0.3350, 0.3566

Protanomaly

92.5534, 0.3320, 0.3506

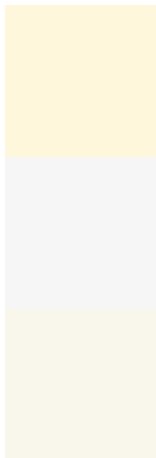
Deuteranomaly

93.0547, 0.3265, 0.3417

Tritanomaly

92.9756, 0.3210, 0.3319

Monochromacy



Original Color

92.8960, 0.3350, 0.3566

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.1074, 0.3207, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8960, 0.3350, 0.3566 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, 247, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 219)  
}
```

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, 247, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 219) }
```

Border

The CSS property to change the border of an element to Yxy 92.8960, 0.3350, 0.3566 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, 247, 219) }
```

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

```
.border{ border-color:rgb(255, 247, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8960, 0.3350, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 219) }
```

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

```
.background{ background-color: rgb(255,  
247, 219) }
```

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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