

Converting Colors

$Yxy(92.9146, 0.3371, 0.3602)$

Have a look what the booklet for
Yxy(92.9146, 0.3371, 0.3602)
contains.

Yxy(92.7394, 0.3369, 0.3596)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.7394, 0.3369, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7D8
RGB	255, 247, 216
RGB Percent	100%, 97%, 85%
CMY	0.0001, 0.0313, 0.1530
CMYK	0.00, 0.03, 0.15, 0.00
HSL	48°, 100%, 92%
HSV	48°, 15%, 100%
XYZ	86.8852, 92.7394, 78.2714
YIQ	245.8580, 14.7190, -7.9450

Conversions

Conversions Part 2

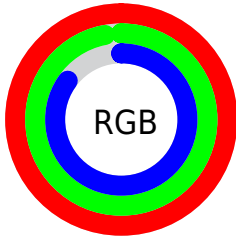
Format	Color
RYB	226, 255, 216
Decimal	16775128
CIELab	97.12, -2.34, 15.88
CIELCh	97, 16.047, 98.371
Yxy	92.7394, 0.3369, 0.3596
Android (android.graphics.Color)	4294965208 (0xFFFFF7D8)
YUV	245.8580, -14.7200, 8.0175
Hunter-Lab	96.3013, -7.4806, 19.2214

Details

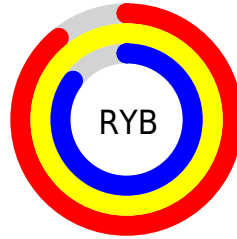
The Yxy color **92.7394, 0.3369, 0.3596** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.0897, 0.2882, 0.2964**, and the grayscale version is **92.1492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8406, 0.3420, 0.3667** is the 20% darker color. If you saturate the color by 10%, you get **88.3881, 0.3541, 0.3804**, and if you desaturate by 10%, it is **97.3923, 0.3208, 0.3394**.

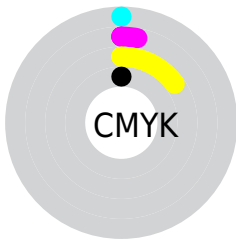
Distribution



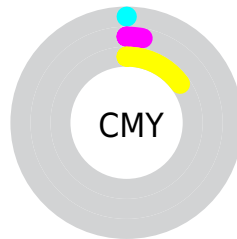
- Red (100%)
- Green (97%)
- Blue (85%)



- Red (89%)
- 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 92.7394, 0.3369, 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 92.7394, 0.3369, 0.3596 by changing the saturation by 10% instead.

 92.7394, 0.3369,
0.3596

 92.7394, 0.3369,
0.3596

536.9023, 0.3262,
0.3460

 70.2549, 0.3392,
0.3626

151.1378, 0.3333,
0.3550

 51.7344, 0.3420,
0.3662


187.8204, 0.3319,
0.3532

 36.7934, 0.3455,
0.3707


230.0046, 0.3306,
0.3516

 25.0476, 0.3499,
0.3764

278.0748, 0.3295,
0.3502

 16.1125, 0.3556,
0.3839

332.4152, 0.3286,
0.3490

 9.6038, 0.3633,
0.3942

393.4103, 0.3277,

 5.1371, 0.3743,

0.3479

0.4090

461.4446, 0.3269,
0.3469

■ 2.3279, 0.3909,
0.4321

■ 0.7884, 0.4676,
0.5324

■ 92.7394, 0.3369,
0.3596

■ 92.7394, 0.3369,
0.3596

■ 88.3881, 0.3541,
0.3804

■ 97.3923, 0.3208,
0.3394

■ 84.3159, 0.3719,
0.4010

99.9947, 0.3127,
0.3290

■ 80.5161, 0.3899,
0.4208

■ 76.9770, 0.4075,
0.4386

■ 73.6854, 0.4238,
0.4535

■ 70.6269, 0.4381,
0.4644

■ 67.7847, 0.4497,
0.4707

■ 65.1379, 0.4583,
0.4722

■ 63.9461, 0.4616,
0.4717

Harmonies

Analogous

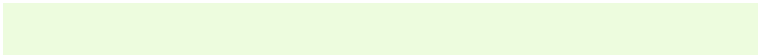
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7394, 0.3466, 0.3517



92.7394, 0.3369, 0.3596



92.7394, 0.3208, 0.3591

Triad

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



92.7394, 0.3369, 0.3596



92.7394, 0.2796, 0.3182



92.7394, 0.3220, 0.3095

Complementary

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



92.7394, 0.3369, 0.3596



75.0897, 0.2882, 0.2964

Split Complementary

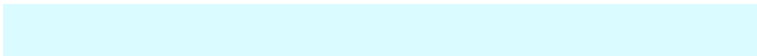
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7394, 0.3039, 0.3009



92.7394, 0.3369, 0.3596



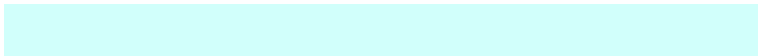
92.7394, 0.2798, 0.3054

Square

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



92.7394, 0.3369, 0.3596



92.7394, 0.2879, 0.3346



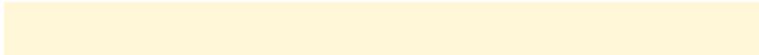
92.7394, 0.2886, 0.2993



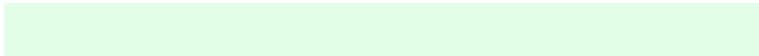
92.7394, 0.3379, 0.3229

Rectangle

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



92.7394, 0.3369, 0.3596



92.7394, 0.3088, 0.3538



92.7394, 0.2886, 0.2993



92.7394, 0.3159, 0.3059

Sweetspot

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



92.7435, 0.3369, 0.3596



97.5575, 0.3203, 0.3388



75.7607, 0.3355, 0.3206



20.8091, 0.3214, 0.3402



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.



92.7435, 0.3369, 0.3596



91.5589, 0.3415, 0.3652



95.6783, 0.3285, 0.3680



20.4242, 0.3274, 0.3478



33.6414, 0.4608, 0.4724



3.4270, 0.4551, 0.4768

Inverse Universe

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



75.0897, 0.2882, 0.2964



71.1736, 0.2835, 0.2900



72.6545, 0.2952, 0.2887



17.9778, 0.2979, 0.3095



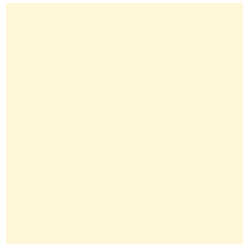
5.2247, 0.1556, 0.0800



0.6553, 0.1609, 0.0993

Previews

White Background



This preview shows how the Yxy color 92.7394, 0.3369, 0.3596 looks on a white background.

Color Contrast Check

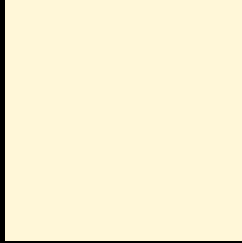
Large Text (above 18pt) WCAG AA × Fail

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 92.7394, 0.3369, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

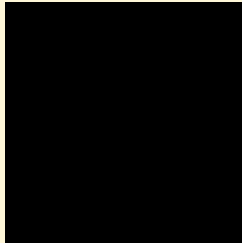
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.7394, 0.3369, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 92.7394, 0.3369, 0.3596.

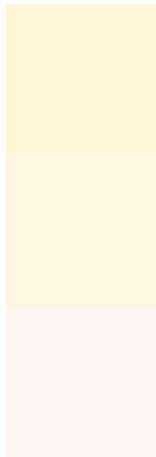


This preview shows how white text looks on a background with the Yxy color 92.7394, 0.3369, 0.3596.

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

92.7394, 0.3369, 0.3596

Protanopia

92.6078, 0.3314, 0.3496

Deuteranopia

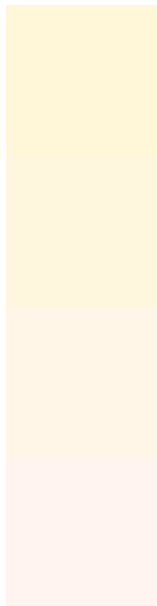
92.9157, 0.3216, 0.3329



Tritanopia

92.5169, 0.3139, 0.3185

Trichromacy



Original Color

92.7394, 0.3369, 0.3596

Protanomaly

92.4455, 0.3333, 0.3526

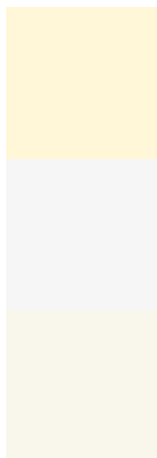
Deuteranomaly

92.9977, 0.3271, 0.3427

Tritanomaly

92.2526, 0.3223, 0.3329

Monochromacy



Original Color

92.7394, 0.3369, 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 92.7394, 0.3369, 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(255, 247, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 247, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 216) }
```

Border

The CSS property to change the border of an element to Yxy 92.7394, 0.3369, 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(255, 247, 216) }
```

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

```
.border{ border-color:rgb(255, 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(255, 247, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7394, 0.3369, 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(255, 247, 216) }
```

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

```
.background{ background-color: rgb(255,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor