

Converting Colors

$Yxy(98.9426, 0.3662, 0.3684)$

Have a look what the booklet for
Yxy(98.9426, 0.3662, 0.3684)
contains.

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Color

Yxy(92.1412, 0.3444, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7CC
RGB	255, 247, 204
RGB Percent	100%, 97%, 80%
CMY	0.0001, 0.0313, 0.1999
CMYK	0.00, 0.03, 0.20, 0.00
HSL	51°, 100%, 90%
HSV	51°, 20%, 100%
XYZ	85.3967, 92.1412, 70.4201
YIQ	244.4900, 18.5710, -11.6770

Conversions

Conversions Part 2

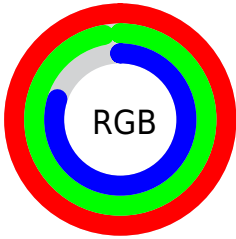
Format	Color
R _Y B	213, 255, 204
Decimal	16775116
CIE Lab	96.88, -4.07, 21.66
CIE LCh	97, 22.038, 100.649
Yxy	92.1412, 0.3444, 0.3716
Android (android.graphics.Color)	4294965196 (0xFFFFF7CC)
YUV	244.4900, -19.9616, 9.2173
Hunter-Lab	95.9902, -9.1821, 23.6970

Details

The Yxy color $92.1412, 0.3444, 0.3716$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $67.1408, 0.2798, 0.2825$, and the grayscale version is $91.0336, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $51.4694, 0.3508, 0.3807$ is the 20% darker color. If you saturate the color by 10%, you get $88.6061, 0.3614, 0.3935$, and if you desaturate by 10%, it is $95.9370, 0.3281, 0.3499$.

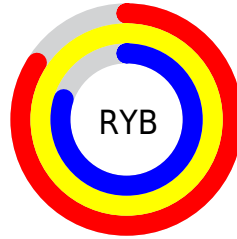
Distribution



Red (100%)

Green (97%)

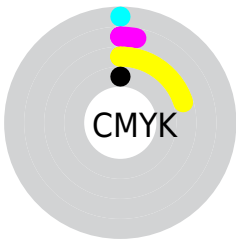
Blue (80%)



Red (84%)

Yellow (100%)

Blue (80%)

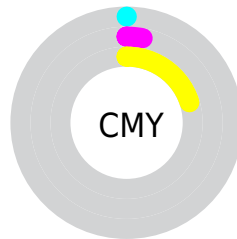


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.1412, 0.3444, 0.3716 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 92.1412, 0.3444, 0.3716 by changing the saturation by 10% instead.

 92.1412, 0.3444,
0.3716

 92.1412, 0.3444,
0.3716

534.9718, 0.3305,
0.3526

 69.7579, 0.3474,
0.3758


150.3091, 0.3397,
0.3651

 51.3292, 0.3510,
0.3808

186.8625, 0.3378,
0.3626

 36.4707, 0.3555,
0.3871


228.9080, 0.3362,
0.3604

 24.7979, 0.3611,
0.3951

276.8301, 0.3348,
0.3584

 15.9266, 0.3683,
0.4055

331.0131, 0.3335,
0.3567

 9.4722, 0.3779,
0.4196

391.8414, 0.3324,

 5.0504, 0.3910,

0.3552

0.4398

459.6995, 0.3314,
0.3538

■ 2.2769, 0.4148,
0.4763

■ 0.7614, 0.4505,
0.5495

■ 92.1412, 0.3444,
0.3716

■ 92.1412, 0.3444,
0.3716

■ 88.6061, 0.3614,
0.3935

■ 95.9370, 0.3281,
0.3499

■ 85.3094, 0.3786,
0.4148

99.9897, 0.3127,
0.3290

■ 82.2442, 0.3953,
0.4346

99.9970, 0.3127,
0.3290

■ 79.3988, 0.4110,
0.4519

■ 76.7597, 0.4249,
0.4656

■ 74.3120, 0.4362,
0.4750

■ 72.0377, 0.4447,
0.4798

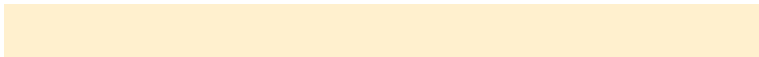
■ 69.9076, 0.4506,
0.4804

■ 69.9051, 0.4506,
0.4804

Harmonies

Analogous

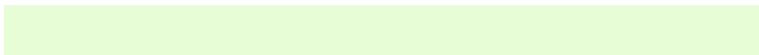
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1412, 0.3589, 0.3610



92.1412, 0.3444, 0.3716



92.1412, 0.3217, 0.3703

Triad

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



92.1412, 0.3444, 0.3716



92.1412, 0.2671, 0.3121



92.1412, 0.3272, 0.3036

Complementary

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



92.1412, 0.3444, 0.3716



67.1408, 0.2798, 0.2825

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.



92.1412, 0.3022, 0.2914



92.1412, 0.3444, 0.3716



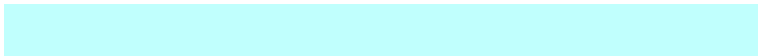
92.1412, 0.2684, 0.2954

Square

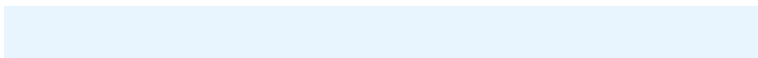
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.1412, 0.3444, 0.3716



92.1412, 0.2775, 0.3347



92.1412, 0.2809, 0.2883



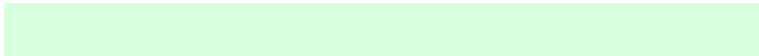
92.1412, 0.3488, 0.3221

Rectangle

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



92.1412, 0.3444, 0.3716



92.1412, 0.3052, 0.3624



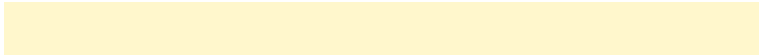
92.1412, 0.2809, 0.2883



92.1412, 0.3189, 0.2987

Sweetspot

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



92.1453, 0.3444, 0.3716



97.5357, 0.3218, 0.3415



69.2299, 0.3461, 0.3204



20.8205, 0.3228, 0.3428



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

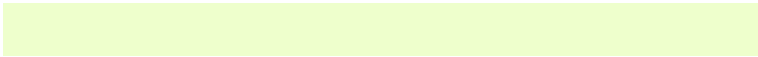
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1453, 0.3444, 0.3716



90.7086, 0.3512, 0.3804



94.0465, 0.3317, 0.3809



20.5781, 0.3273, 0.3489



36.7139, 0.4500, 0.4809



3.6992, 0.4459, 0.4842

Inverse Universe

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



67.1408, 0.2798, 0.2825



61.5519, 0.2724, 0.2718



65.7857, 0.2908, 0.2754



17.8365, 0.2979, 0.3083



4.6971, 0.1536, 0.0729



0.5838, 0.1584, 0.0901

Previews

White Background



This preview shows how the Yxy color 92.1412, 0.3444, 0.3716 looks on a white background.

Color Contrast Check

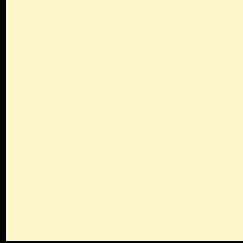
Large Text (above 18pt) WCAG AA × Fail

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 92.1412, 0.3444, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

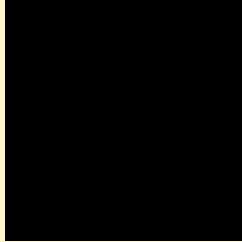
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.1412, 0.3444, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 92.1412, 0.3444, 0.3716.

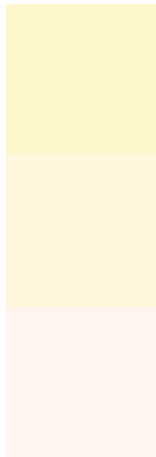


This preview shows how white text looks on a background with the Yxy color 92.1412, 0.3444, 0.3716.

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

92.1412, 0.3444, 0.3716

Protanopia

92.3388, 0.3345, 0.3546

Deuteranopia

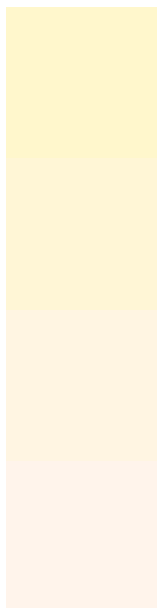
92.1344, 0.3236, 0.3349



Tritanopia

91.8561, 0.3145, 0.3184

Trichromacy



Original Color

92.1412, 0.3444, 0.3716

Protanomaly

92.0266, 0.3383, 0.3606

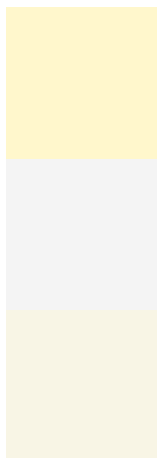
Deuteranomaly

92.0558, 0.3309, 0.3477

Tritanomaly

91.9595, 0.3254, 0.3378

Monochromacy



Original Color

92.1412, 0.3444, 0.3716

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.9184, 0.3244, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1412, 0.3444, 0.3716 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 204) }
```

Border

The CSS property to change the border of an element to Yxy 92.1412, 0.3444, 0.3716 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, 204) }
```

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

```
.border{ border-color:rgb(255, 247, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1412, 0.3444, 0.3716 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, 204) }
```

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

```
.background{ background-color: rgb(255,  
247, 204) }
```

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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