

Converting Colors

$Yxy(92.4403, 0.3703, 0.4242)$

Have a look what the booklet for
Yxy(92.4403, 0.3703, 0.4242)
contains.

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Color

Yxy(92.6828, 0.3706, 0.4248)

Conversions

Conversions Part 1

Format	Color
Hex	FCFC9B
RGB	252, 252, 155
RGB Percent	99%, 99%, 61%
CMY	0.0120, 0.0117, 0.3921
CMYK	0.00, 0.00, 0.38, 0.01
HSL	60°, 94%, 80%
HSV	60°, 38%, 99%
XYZ	80.8575, 92.6828, 44.6396
YIQ	240.9420, 31.1370, -30.1670

Conversions

Conversions Part 2

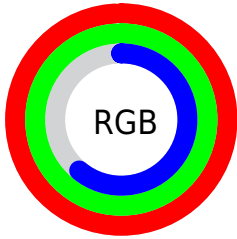
Format	Color
RYB	155, 252, 155
Decimal	16579739
CIELab	97.10, -13.73, 46.42
CIElCh	97, 48.409, 106.475
Yxy	92.6828, 0.3706, 0.4248
Android (android.graphics.Color)	4294769819 (0xFFFFCFC9B)
YUV	240.9420, -42.3694, 9.6979
Hunter-Lab	96.2719, -18.5561, 39.8986

Details

The Yxy color **92.6828, 0.3706, 0.4248** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.4510, 0.2415, 0.2112**, and the grayscale version is **88.2338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **51.9085, 0.3809, 0.4454** is the 20% darker color. If you saturate the color by 10%, you get **91.9230, 0.3842, 0.4473**, and if you desaturate by 10%, it is **93.6277, 0.3559, 0.4004**.

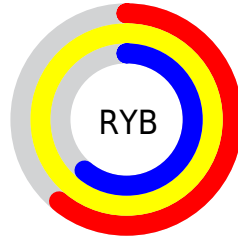
Distribution



Red (99%)

Green (99%)

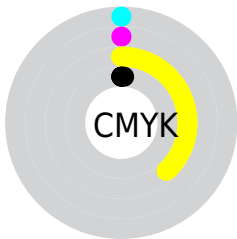
Blue (61%)



Red (61%)

Yellow (99%)

Blue (61%)

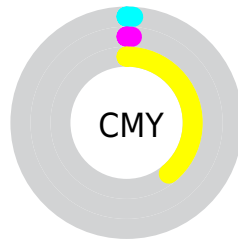


Cyan (0%)

Magenta (0%)

Yellow (38%)

Black (1%)



Cyan (1%)


Magenta (1%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6828, 0.3706, 0.4248 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 92.6828, 0.3706, 0.4248 by changing the saturation by 10% instead.


 92.6828, 0.3706,
0.4248


 92.6828, 0.3706,
0.4248


536.7198, 0.3464,
0.3821

 70.2079, 0.3754,
0.4340


 151.0594, 0.3627,
0.4104

 51.6960, 0.3810,
0.4450


 187.7298, 0.3595,
0.4047

 36.7628, 0.3875,
0.4584


229.9009, 0.3567,
0.3997

 25.0239, 0.3949,
0.4748

277.9571, 0.3542,
0.3953

 16.0949, 0.4030,
0.4953

332.2826, 0.3519,
0.3914

 9.5913, 0.4112,
0.5209


393.2620, 0.3499,


 5.1288, 0.4292,


0.3880


0.5685


461.2796, 0.3480,
0.3849

 2.3231, 0.4123,
0.5877


 0.7859, 0.3438,
0.6562


 92.6828, 0.3706,
0.4248


 92.6828, 0.3706,
0.4248


 91.9230, 0.3842,
0.4473


 93.6277, 0.3559,
0.4004


 91.3246, 0.3960,
0.4669


 94.7553, 0.3406,
0.3752

 90.8795, 0.4056,
0.4828

 96.0790, 0.3254,
0.3499

 90.5737, 0.4126,
0.4945


 97.5550, 0.3110,
0.3261


 90.3905, 0.4170,
0.5017

 97.5587, 0.3110,
0.3261

 90.3064, 0.4190,
0.5050

 97.5624, 0.3110,
0.3261

 90.2976, 0.4192,
0.5054

 97.5661, 0.3110,
0.3261

 97.5698, 0.3110,
0.3261

 97.5735, 0.3111,
0.3262

Harmonies

Analogous

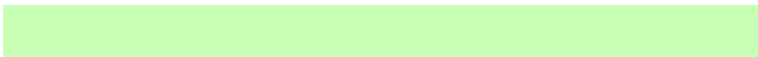
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6828, 0.4083, 0.4010



92.6828, 0.3706, 0.4248



92.6828, 0.3192, 0.4202

Triad

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



92.6828, 0.3706, 0.4248



92.6828, 0.2160, 0.2811



92.6828, 0.3537, 0.2823

Complementary

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



92.6828, 0.3706, 0.4248



37.4510, 0.2415, 0.2112

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.



92.6828, 0.2988, 0.2552



92.6828, 0.3706, 0.4248



92.6828, 0.2232, 0.2520

Square

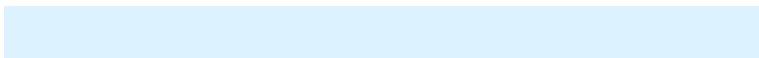
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.6828, 0.3706, 0.4248



92.6828, 0.2316, 0.3290



92.6828, 0.2520, 0.2439



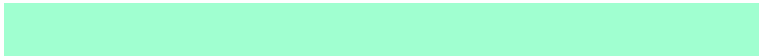
92.6828, 0.3998, 0.3202

Rectangle

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



92.6828, 0.3706, 0.4248



92.6828, 0.2844, 0.3984



92.6828, 0.2520, 0.2439



92.6828, 0.3354, 0.2717

Sweetspot

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



92.6870, 0.3706, 0.4248



98.1790, 0.3307, 0.3588



46.5110, 0.4092, 0.3293



20.9758, 0.3327, 0.3621



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

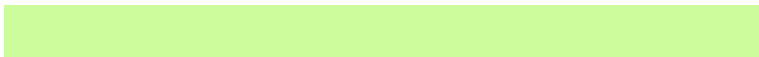
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6870, 0.3706, 0.4248



94.5889, 0.3810, 0.4420



84.7704, 0.3373, 0.4365



20.1901, 0.3269, 0.3524



47.0279, 0.4192, 0.5054



4.3558, 0.4192, 0.5053

Inverse Universe

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



37.4510, 0.2415, 0.2112



30.6965, 0.2251, 0.1840



43.2431, 0.2774, 0.2219



16.6437, 0.2979, 0.3045



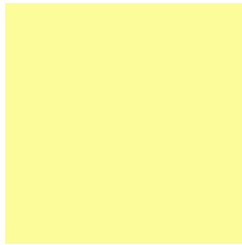
3.6621, 0.1500, 0.0600



0.3394, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 92.6828, 0.3706, 0.4248 looks on a white background.

Color Contrast Check

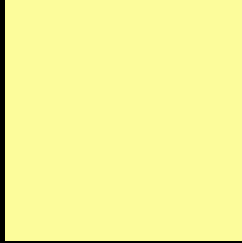
Large Text (above 18pt) WCAG AA × Fail

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 92.6828, 0.3706, 0.4248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

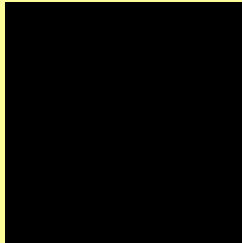
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.6828, 0.3706, 0.4248

Background



This preview shows how black text looks on a background with the Yxy color 92.6828, 0.3706, 0.4248.

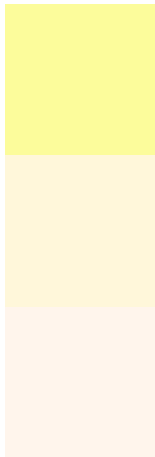


This preview shows how white text looks on a background with the Yxy color 92.6828, 0.3706, 0.4248.

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

92.6828, 0.3706, 0.4248

Protanopia

92.8435, 0.3357, 0.3576

Deuteranopia

92.6209, 0.3247, 0.3378



Tritanopia

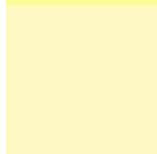
92.3895, 0.3151, 0.3204

Trichromacy



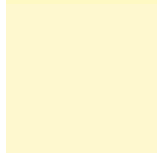
Original Color

92.6828, 0.3706, 0.4248



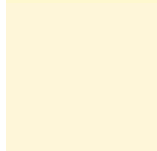
Protanomaly

92.7623, 0.3490, 0.3826



Deuteranomaly

92.7106, 0.3417, 0.3696



Tritanomaly

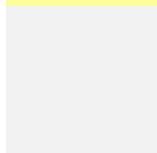
91.9921, 0.3357, 0.3577

Monochromacy



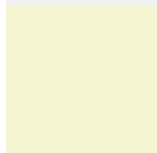
Original Color

92.6828, 0.3706, 0.4248



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3704, 0.3342, 0.3645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6828, 0.3706, 0.4248 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(252, 252, 155)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 155)  
}
```

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(252, 252, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 155) }
```

Border

The CSS property to change the border of an element to Yxy 92.6828, 0.3706, 0.4248 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(252, 252, 155) }
```

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

```
.border{ border-color:rgb(252, 252, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 155);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6828, 0.3706, 0.4248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 155) }
```

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

```
.background{ background-color: rgb(252,  
252, 155) }
```

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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