

Converting Colors

$Yxy(92.8721, 0.3487, 0.3913)$

Have a look what the booklet for
Yxy(92.8721, 0.3487, 0.3913)
contains.

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Color

Yxy(92.8082, 0.3488, 0.3912)

Conversions

Conversions Part 1

Format	Color
Hex	F9FBBD
RGB	249, 251, 189
RGB Percent	98%, 98%, 74%
CMY	0.0235, 0.0157, 0.2589
CMYK	0.01, 0.00, 0.25, 0.02
HSL	62°, 89%, 86%
HSV	62°, 25%, 98%
XYZ	82.7492, 92.8082, 61.6823
YIQ	243.3340, 18.7100, -19.7060

Conversions

Conversions Part 2

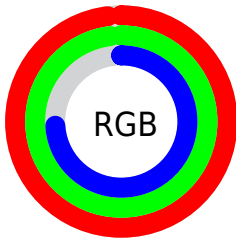
Format	Color
R _Y B	189, 251, 191
Decimal	16382909
CIE Lab	97.15, -10.28, 29.60
CIE LCh	97, 31.334, 109.156
Yxy	92.8082, 0.3488, 0.3912
Android (android.graphics.Color)	4294572989 (0xFFF9FBBD)
YUV	243.3340, -26.7867, 4.9691
Hunter-Lab	96.3370, -15.2662, 29.4739

Details

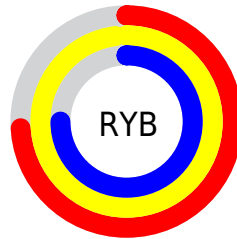
The Yxy color **92.8082, 0.3488, 0.3912** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.4240, 0.2715, 0.2588**, and the grayscale version is **90.1159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **51.9860, 0.3560, 0.4056** is the 20% darker color. If you saturate the color by 10%, you get **91.6668, 0.3632, 0.4163**, and if you desaturate by 10%, it is **94.1471, 0.3340, 0.3657**.

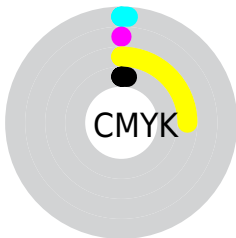
Distribution



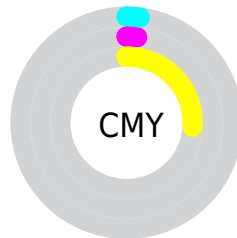
- Red (98%)
- Green (98%)
- Blue (74%)



- Red (74%)
- Yellow (98%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (25%)
- Black (2%)





- Cyan (2%)
- Magenta (2%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8082, 0.3488, 0.3912 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 92.8082, 0.3488, 0.3912 by changing the saturation by 10% instead.


 92.8082, 0.3488,
0.3912

 92.8082, 0.3488,
0.3912

537.1241, 0.3332,
0.3633

 70.3121, 0.3521,
0.3973

 151.2330, 0.3436,
0.3817

 51.7810, 0.3560,
0.4048


187.9306, 0.3416,
0.3779

 36.8306, 0.3606,
0.4141


230.1307, 0.3397,
0.3747

 25.0763, 0.3664,
0.4258


278.2178, 0.3381,
0.3718

 16.1339, 0.3735,
0.4411

332.5763, 0.3367,
0.3693

 9.6190, 0.3823,
0.4617


393.5906, 0.3354,


 5.1471, 0.3930,


0.3671


0.4904

461.6451, 0.3343,
0.3651


 2.3338, 0.4317,
0.5683


 0.7915, 0.3878,
0.6122


 92.8082, 0.3488,
0.3912


 92.8082, 0.3488,
0.3912


 91.6668, 0.3632,
0.4163


 94.1471, 0.3340,
0.3657


 90.7009, 0.3767,
0.4401


 95.6802, 0.3194,
0.3405


 89.9039, 0.3887,
0.4615


 96.8078, 0.3107,
0.3252

 89.2642, 0.3987,
0.4795

 96.9586, 0.3112,
0.3252

 88.7685, 0.4061,
0.4935

 97.1101, 0.3117,
0.3252


 88.4016, 0.4109,
0.5030

 97.2622, 0.3122,
0.3252

 88.1446, 0.4132,
0.5082

 97.4149, 0.3127,
0.3252

 88.0387, 0.4136,
0.5098

 97.4780, 0.3129,
0.3252

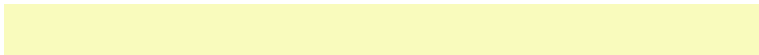
Harmonies

Analogous

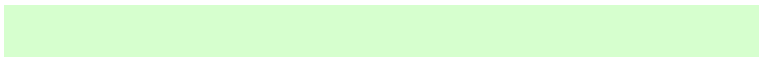
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8082, 0.3738, 0.3794



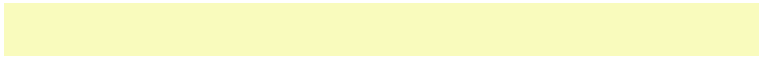
92.8082, 0.3488, 0.3912



92.8082, 0.3149, 0.3848

Triad

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



92.8082, 0.3488, 0.3912



92.8082, 0.2478, 0.2966



92.8082, 0.3427, 0.3001

Complementary

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



92.8082, 0.3488, 0.3912



54.4240, 0.2715, 0.2588

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.



92.8082, 0.3074, 0.2805



92.8082, 0.3488, 0.3912



92.8082, 0.2541, 0.2773

Square

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



92.8082, 0.3488, 0.3912



92.8082, 0.2576, 0.3270



92.8082, 0.2753, 0.2721



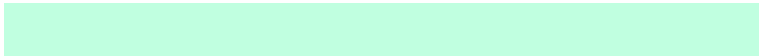
92.8082, 0.3707, 0.3268

Rectangle

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



92.8082, 0.3488, 0.3912



92.8082, 0.2921, 0.3701



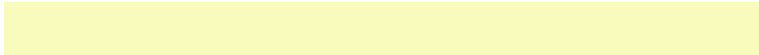
92.8082, 0.2753, 0.2721



92.8082, 0.3312, 0.2925

Sweetspot

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



92.8123, 0.3488, 0.3912



98.7943, 0.3228, 0.3462



61.0152, 0.3647, 0.3302



21.1249, 0.3236, 0.3477



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

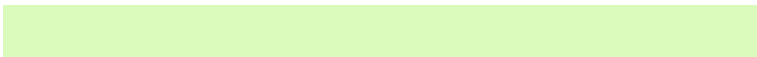
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8123, 0.3488, 0.3912



95.5502, 0.3565, 0.4047



87.7247, 0.3286, 0.3955



20.1606, 0.3264, 0.3525



46.2873, 0.4137, 0.5097



4.2957, 0.4144, 0.5091

Inverse Universe

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



54.4240, 0.2715, 0.2588



49.0795, 0.2610, 0.2412



58.7270, 0.2930, 0.2630



16.6697, 0.2984, 0.3045



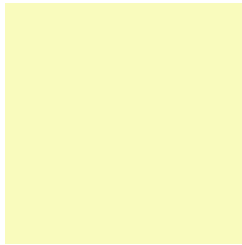
3.7003, 0.1510, 0.0605



0.3518, 0.1533, 0.0618

Previews

White Background



This preview shows how the Yxy color 92.8082, 0.3488, 0.3912 looks on a white background.

Color Contrast Check

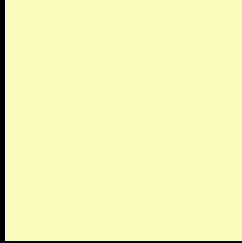
Large Text (above 18pt) WCAG AA × Fail

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 92.8082, 0.3488, 0.3912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

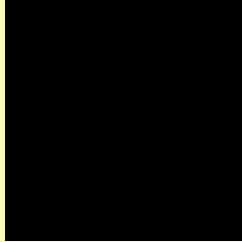
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.8082, 0.3488, 0.3912

Background



This preview shows how black text looks on a background with the Yxy color 92.8082, 0.3488, 0.3912.

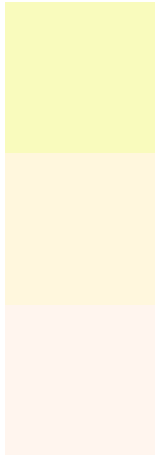


This preview shows how white text looks on a background with the Yxy color 92.8082, 0.3488, 0.3912.

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

92.8082, 0.3488, 0.3912

Protanopia

93.0020, 0.3338, 0.3546

Deuteranopia

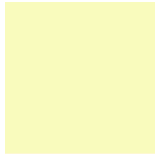
92.7379, 0.3235, 0.3358



Tritanopia

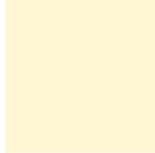
92.9922, 0.3126, 0.3185

Trichromacy



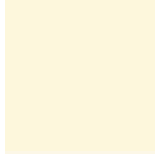
Original Color

92.8082, 0.3488, 0.3912



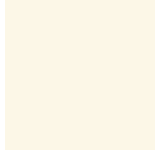
Protanomaly

92.6209, 0.3398, 0.3677



Deuteranomaly

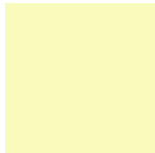
92.5715, 0.3331, 0.3557



Tritanomaly

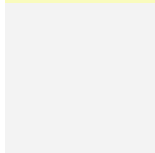
92.9865, 0.3256, 0.3447

Monochromacy



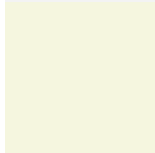
Original Color

92.8082, 0.3488, 0.3912



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.6517, 0.3260, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8082, 0.3488, 0.3912 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(249, 251, 189)` looks like.

```
.text, #text, p{  
    color:rgb(249, 251, 189)  
}
```

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(249, 251, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 251, 189) }
```

Border

The CSS property to change the border of an element to Yxy 92.8082, 0.3488, 0.3912 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(249, 251, 189) }
```

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

```
.border{ border-color:rgb(249, 251, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 251, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 251, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 251, 189);  
box-shadow:4px 4px 4px 4px rgb(249, 251,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8082, 0.3488, 0.3912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 251, 189) }
```

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

```
.background{ background-color: rgb(249,  
251, 189) }
```

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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