

Converting Colors

$Yxy(92.4976, 0.3431, 0.3944)$

Have a look what the booklet for
Yxy(92.4976, 0.3431, 0.3944)
contains.

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Color

Yxy(92.6255, 0.3429, 0.3942)

Conversions

Conversions Part 1

Format	Color
Hex	F1FDBD
RGB	241, 253, 189
RGB Percent	95%, 99%, 74%
CMY	0.0551, 0.0078, 0.2588
CMYK	0.05, 0.00, 0.25, 0.01
HSL	71°, 94%, 87%
HSV	71°, 25%, 99%
XYZ	80.5715, 92.6255, 61.7738
YIQ	242.1160, 13.3920, -22.4480

Conversions

Conversions Part 2

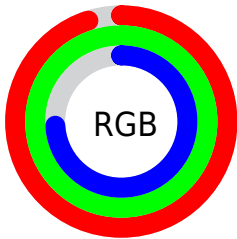
Format	Color
RYB	189, 253, 201
Decimal	15859133
CIELab	97.08, -14.19, 29.39
CIELCh	97, 32.634, 115.768
Yxy	92.6255, 0.3429, 0.3942
Android (android.graphics.Color)	4294049213 (0xFFFF1FDBD)
YUV	242.1160, -26.1862, -0.9787
Hunter-Lab	96.2421, -18.9880, 29.3137

Details

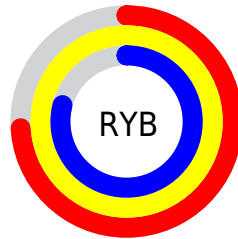
The Yxy color **92.6255, 0.3429, 0.3942** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.9160, 0.2773, 0.2582**, and the grayscale version is **89.0890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **51.4195, 0.3487, 0.4086** is the 20% darker color. If you saturate the color by 10%, you get **90.7961, 0.3544, 0.4209**, and if you desaturate by 10%, it is **94.6768, 0.3309, 0.3677**.

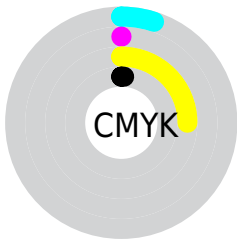
Distribution



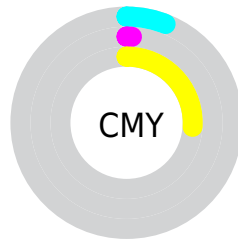
- Red (95%)
- Green (99%)
- Blue (74%)



- Red (74%)
- Yellow (99%)
- Blue (79%)



- Cyan (5%)
- Magenta (0%)
- Yellow (25%)
- Black (1%)





- Cyan (6%)
- Magenta (1%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6255, 0.3429, 0.3942 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 92.6255, 0.3429, 0.3942 by changing the saturation by 10% instead.

 92.6255, 0.3429,
0.3942

 92.6255, 0.3429,
0.3942


536.5350, 0.3300,
0.3647

 70.1603, 0.3456,
0.4007

 150.9800, 0.3387,
0.3841

 51.6572, 0.3487,
0.4087

187.6381, 0.3370,
0.3801

 36.7319, 0.3525,
0.4186

229.7959, 0.3354,
0.3767

 25.0000, 0.3570,
0.4313

277.8379, 0.3341,
0.3737

 16.0770, 0.3625,
0.4479

332.1484, 0.3329,
0.3711

 9.5787, 0.3691,
0.4706

393.1118, 0.3319,

 5.1205, 0.3765,

0.3687

0.5027

461.1125, 0.3309,
0.3666

■ 2.3182, 0.4093,
0.5898

■ 0.7833, 0.3370,
0.6630

■ 92.6255, 0.3429,
0.3942

■ 92.6255, 0.3429,
0.3942

■ 90.7961, 0.3544,
0.4209

■ 94.6768, 0.3309,
0.3677

■ 89.1661, 0.3650,
0.4468

■ 96.9471, 0.3190,
0.3421

■ 87.7287, 0.3740,
0.4709

■ 98.7447, 0.3128,
0.3271

■ 86.4717, 0.3809,
0.4919

■ 85.3813, 0.3854,
0.5090

■ 84.4415, 0.3873,
0.5215

■ 83.6327, 0.3866,
0.5294

■ 83.2848, 0.3857,
0.5319

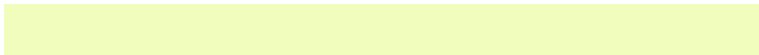
Harmonies

Analogous

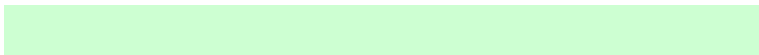
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6255, 0.3719, 0.3855



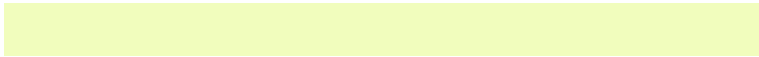
92.6255, 0.3429, 0.3942



92.6255, 0.3069, 0.3831

Triad

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



92.6255, 0.3429, 0.3942



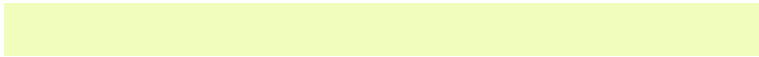
92.6255, 0.2453, 0.2896



92.6255, 0.3514, 0.3045

Complementary

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



92.6255, 0.3429, 0.3942



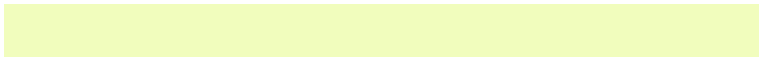
55.9160, 0.2773, 0.2582

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.



92.6255, 0.3153, 0.2822



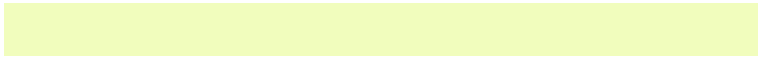
92.6255, 0.3429, 0.3942



92.6255, 0.2554, 0.2727

Square

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



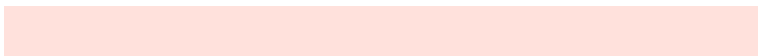
92.6255, 0.3429, 0.3942



92.6255, 0.2517, 0.3192



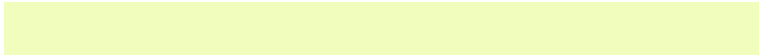
92.6255, 0.2803, 0.2706



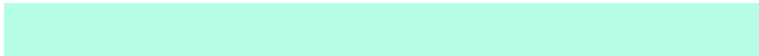
92.6255, 0.3775, 0.3332

Rectangle

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



92.6255, 0.3429, 0.3942



92.6255, 0.2839, 0.3654



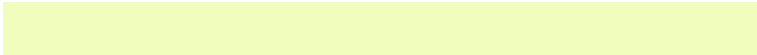
92.6255, 0.2803, 0.2706



92.6255, 0.3399, 0.2962

Sweetspot

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



92.6296, 0.3429, 0.3942



98.0324, 0.3222, 0.3489



66.2113, 0.3636, 0.3414



20.9074, 0.3240, 0.3527



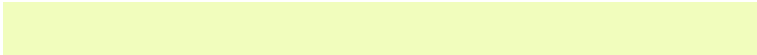
0.0000, 0.0000, 0.0000



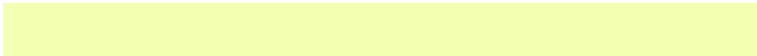
21.4041, 0.3127, 0.3290

Same Dimension

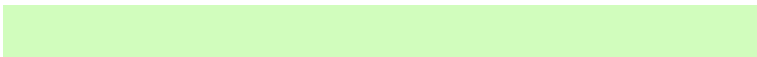
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6296, 0.3429, 0.3942



93.3792, 0.3484, 0.4068



87.5339, 0.3220, 0.3987



20.9074, 0.3240, 0.3527



44.3560, 0.3863, 0.5315



4.3614, 0.3902, 0.5284

Inverse Universe

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



55.9160, 0.2773, 0.2582



50.5887, 0.2694, 0.2432



60.7691, 0.3004, 0.2628



17.5426, 0.3008, 0.3046



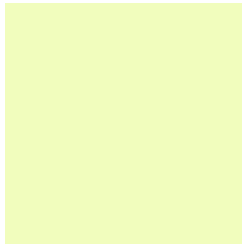
4.1491, 0.1588, 0.0648



0.4457, 0.1683, 0.0701

Previews

White Background



This preview shows how the Yxy color 92.6255, 0.3429, 0.3942 looks on a white background.

Color Contrast Check

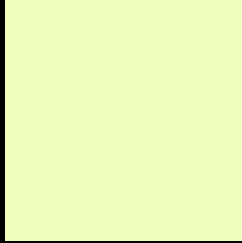
Large Text (above 18pt) WCAG AA × Fail

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 92.6255, 0.3429, 0.3942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

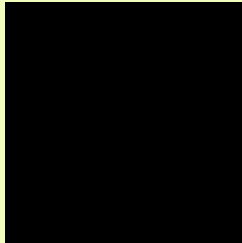
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.6255, 0.3429, 0.3942

Background



This preview shows how black text looks on a background with the Yxy color 92.6255, 0.3429, 0.3942.

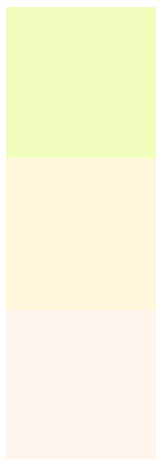


This preview shows how white text looks on a background with the Yxy color 92.6255, 0.3429, 0.3942.

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

92.6255, 0.3429, 0.3942

Protanopia

92.2860, 0.3352, 0.3556

Deuteranopia

92.6792, 0.3241, 0.3368



Tritanopia

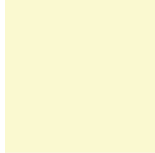
92.6646, 0.3093, 0.3193

Trichromacy



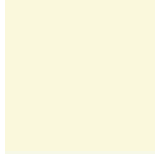
Original Color

92.6255, 0.3429, 0.3942



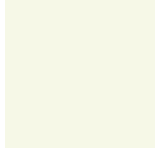
Protanomaly

92.6294, 0.3382, 0.3699



Deuteranomaly

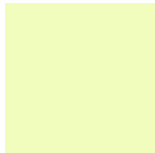
92.6261, 0.3309, 0.3568



Tritanomaly

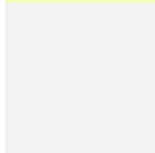
92.4972, 0.3216, 0.3459

Monochromacy



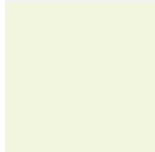
Original Color

92.6255, 0.3429, 0.3942



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.1165, 0.3240, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6255, 0.3429, 0.3942 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(241, 253, 189)` looks like.

```
.text, #text, p{  
    color:rgb(241, 253, 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(241, 253, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 253, 189) }
```

Border

The CSS property to change the border of an element to Yxy 92.6255, 0.3429, 0.3942 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(241, 253, 189) }
```

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

```
.border{ border-color:rgb(241, 253, 189) }
```

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

Here you see how a box with a 4 pixel rgb(241, 253, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 253, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 253, 189);  
box-shadow:4px 4px 4px 4px rgb(241, 253,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6255, 0.3429, 0.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 253, 189) }
```

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

```
.background{ background-color: rgb(241,  
253, 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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