

Converting Colors

$Y_{xy}(100.0000, 0.4107, 0.4292)$

Have a look what the booklet for
Yxy(100.0000, 0.4107, 0.4292)
contains.

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Color

Yxy(92.0036, 0.3841, 0.4411)

Conversions

Conversions Part 1

Format	Color
Hex	FFFB87
RGB	255, 251, 135
RGB Percent	100%, 98%, 53%
CMY	0.0000, 0.0157, 0.4706
CMYK	0.00, 0.02, 0.47, 0.00
HSL	58°, 100%, 76%
HSV	58°, 47%, 100%
XYZ	80.1147, 92.0036, 36.4594
YIQ	238.9720, 39.6200, -35.2280

Conversions

Conversions Part 2

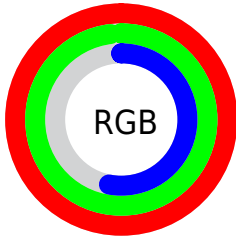
Format	Color
R_{YB}	139, 255, 135
Decimal	16776071
CIE _{Lab}	96.82, -13.99, 55.64
CIE _{LCh}	97, 57.370, 104.114
Yxy	92.0036, 0.3841, 0.4411
Android (android.graphics.Color)	4294966151 (0xFFFFFB87)
YUV	238.9720, -51.2582, 14.0566
Hunter-Lab	95.9185, -18.7676, 44.6064

Details

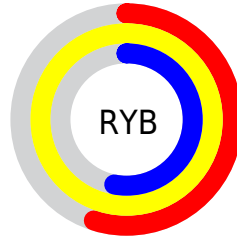
The Yxy color **92.0036, 0.3841, 0.4411** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **30.8385, 0.2236, 0.1850**, and the grayscale version is **86.6780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4977, 0.3514, 0.3929**, and **51.3752, 0.3954, 0.4638** is the 20% darker color. If you saturate the color by 10%, you get **90.8410, 0.3970, 0.4608**, and if you desaturate by 10%, it is **93.3435, 0.3696, 0.4188**.

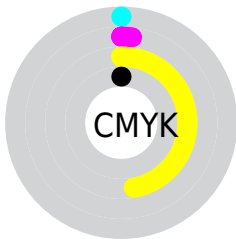
Distribution



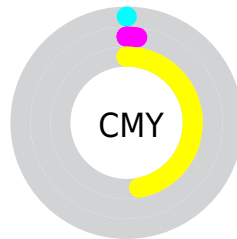
- Red (100%)
- Green (98%)
- Blue (53%)



- Red (55%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (2%)
- Yellow (47%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0036, 0.3841, 0.4411 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 92.0036, 0.3841, 0.4411 by changing the saturation by 10% instead.


 92.0036, 0.3841,
0.4411

 92.0036, 0.3841,
0.4411

534.5272, 0.3547,
0.3917


 69.6436, 0.3897,
0.4515

 150.1184, 0.3747,
0.4246

 51.2361, 0.3961,
0.4637


 186.6420, 0.3709,
0.4180

 36.3965, 0.4032,
0.4783


 228.6556, 0.3674,
0.4123

 24.7406, 0.4110,
0.4958

276.5435, 0.3643,
0.4072

 15.8839, 0.4187,
0.5166

330.6903, 0.3615,
0.4026

 9.4420, 0.4262,
0.5423

391.4802, 0.3590,

 5.0306, 0.4287,

0.3986

0.5713

459.2977, 0.3568,
0.3950

■ 2.2652, 0.4102,
0.5898

■ 0.7552, 0.3326,
0.6674

■ 92.0036, 0.3841,
0.4411

■ 92.0036, 0.3841,
0.4411

■ 90.8410, 0.3970,
0.4608

■ 93.3435, 0.3696,
0.4188

■ 89.8388, 0.4078,
0.4770

■ 94.8676, 0.3543,
0.3948

■ 88.9844, 0.4161,
0.4890

■ 96.5876, 0.3387,
0.3702

■ 88.2610, 0.4217,
0.4966

■ 98.5130, 0.3233,
0.3458

■ 87.6474, 0.4247,
0.4999

100.0000, 0.3127,
0.3290

■ 87.4783, 0.4254,
0.5005

Harmonies

Analogous

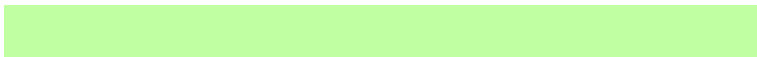
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0036, 0.4275, 0.4089



92.0036, 0.3841, 0.4411



92.0036, 0.3240, 0.4409

Triad

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



92.0036, 0.3841, 0.4411



92.0036, 0.2005, 0.2751



92.0036, 0.3559, 0.2713

Complementary

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



92.0036, 0.3841, 0.4411



30.8385, 0.2236, 0.1850

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.



92.0036, 0.2908, 0.2414



92.0036, 0.3841, 0.4411



92.0036, 0.2068, 0.2401

Square

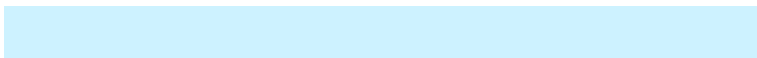
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.0036, 0.3841, 0.4411



92.0036, 0.2200, 0.3332



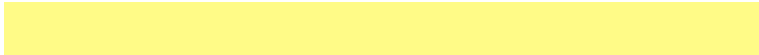
92.0036, 0.2379, 0.2298



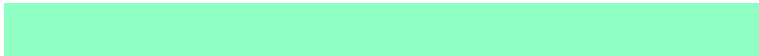
92.0036, 0.4129, 0.3139

Rectangle

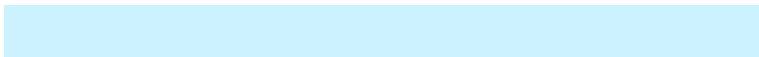
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.0036, 0.3841, 0.4411



92.0036, 0.2830, 0.4169



92.0036, 0.2379, 0.2298



92.0036, 0.3339, 0.2596

Sweetspot

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



92.0051, 0.3841, 0.4411



97.1537, 0.3339, 0.3627



40.4545, 0.4387, 0.3252



20.7089, 0.3373, 0.3680



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

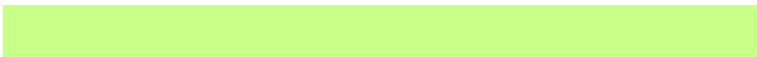
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0051, 0.3841, 0.4411



90.9560, 0.3957, 0.4589



85.4121, 0.3440, 0.4613



20.9807, 0.3270, 0.3517



45.7556, 0.4252, 0.5005



4.4863, 0.4245, 0.5011

Inverse Universe

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



30.8385, 0.2236, 0.1850



23.3907, 0.2047, 0.1539



35.6271, 0.2637, 0.1949



17.4747, 0.2978, 0.3052



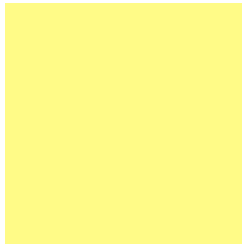
3.9109, 0.1506, 0.0620



0.4134, 0.1519, 0.0667

Previews

White Background



This preview shows how the Yxy color 92.0036, 0.3841, 0.4411 looks on a white background.

Color Contrast Check

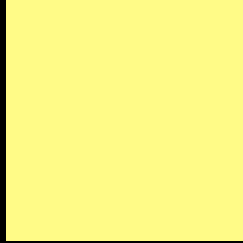
Large Text (above 18pt) WCAG AA × Fail

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 92.0036, 0.3841, 0.4411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

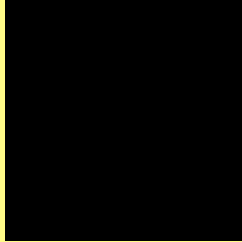
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.0036, 0.3841, 0.4411

Background



This preview shows how black text looks on a background with the Yxy color 92.0036, 0.3841, 0.4411.



This preview shows how white text looks on a background with the Yxy color 92.0036, 0.3841, 0.4411.

Color Blindness Simulation

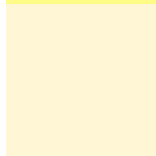
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



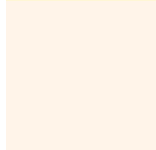
Original Color

92.0036, 0.3841, 0.4411



Protanopia

91.9756, 0.3389, 0.3616



Deuteranopia

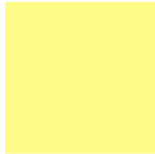
91.8446, 0.3267, 0.3398



Tritanopia

91.6664, 0.3163, 0.3213

Trichromacy



Original Color

92.0036, 0.3841, 0.4411



Protanomaly

91.8976, 0.3561, 0.3916



Deuteranomaly

91.8127, 0.3488, 0.3786



Tritanomaly

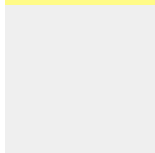
91.1189, 0.3423, 0.3657

Monochromacy



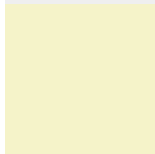
Original Color

92.0036, 0.3841, 0.4411



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

87.7307, 0.3401, 0.3718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0036, 0.3841, 0.4411 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, 251, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 135)  
}
```

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, 251, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 135) }
```

Border

The CSS property to change the border of an element to Yxy 92.0036, 0.3841, 0.4411 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, 251, 135) }
```

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

```
.border{ border-color:rgb(255, 251, 135) }
```

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

Here you see how a box with a 4 pixel rgb(255, 251, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0036, 0.3841, 0.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 135) }
```

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

```
.background{ background-color: rgb(255,  
251, 135) }
```

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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