

Converting Colors

$Y_{xy}(105.1528, 0.3490, 0.4365)$

Have a look what the booklet for
Yxy(105.1528, 0.3490, 0.4365)
contains.

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Color

Yxy(92.2411, 0.3537, 0.4211)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFA5
RGB	237, 255, 165
RGB Percent	93%, 100%, 65%
CMY	0.0706, 0.0000, 0.3528
CMYK	0.07, 0.00, 0.35, 0.00
HSL	72°, 100%, 82%
HSV	72°, 35%, 100%
XYZ	77.4773, 92.2411, 49.3296
YIQ	239.3580, 18.1620, -31.8060

Conversions

Conversions Part 2

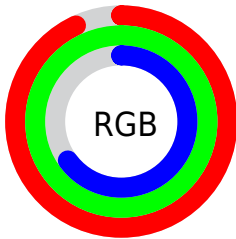
Format	Color
RYB	165, 255, 183
Decimal	15597477
CIELab	96.92, -19.65, 41.08
CIELCh	97, 45.537, 115.562
Yxy	92.2411, 0.3537, 0.4211
Android (android.graphics.Color)	4293787557 (0xFFEDFFA5)
YUV	239.3580, -36.6585, -2.0680
Hunter-Lab	96.0422, -24.0780, 36.7768

Details

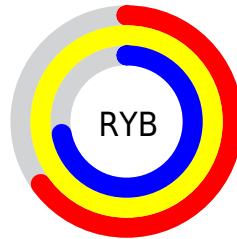
The Yxy color **92.2411, 0.3537, 0.4211** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **44.2110, 0.2608, 0.2259**, and the grayscale version is **86.8914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **51.2613, 0.3609, 0.4411** is the 20% darker color. If you saturate the color by 10%, you get **90.5375, 0.3640, 0.4472**, and if you desaturate by 10%, it is **94.1555, 0.3424, 0.3943**.

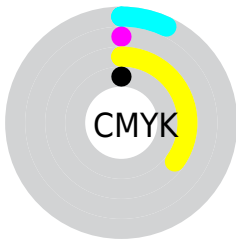
Distribution



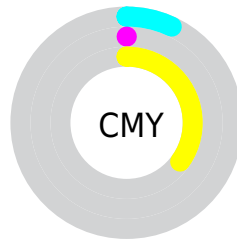
- Red (93%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (72%)



- Cyan (7%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2411, 0.3537, 0.4211 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 92.2411, 0.3537, 0.4211 by changing the saturation by 10% instead.


 92.2411, 0.3537,
0.4211

 92.2411, 0.3537,
0.4211


535.2944, 0.3368,
0.3793

 69.8409, 0.3570,
0.4303


 150.4475, 0.3483,
0.4068

 51.3968, 0.3609,
0.4415


 187.0225, 0.3460,
0.4012

 36.5245, 0.3652,
0.4553


229.0912, 0.3440,
0.3963

 24.8396, 0.3702,
0.4727

277.0380, 0.3422,
0.3921

 15.9576, 0.3756,
0.4951

331.2474, 0.3407,
0.3883

 9.4941, 0.3805,
0.5246

392.1036, 0.3392,

 5.0649, 0.3873,

0.3850

0.5707

459.9912, 0.3379,
0.3820

■ 2.2854, 0.3780,
0.6220

■ 0.7660, 0.2448,
0.7552

■ 92.2411, 0.3537,
0.4211

■ 92.2411, 0.3537,
0.4211

■ 90.5375, 0.3640,
0.4472

■ 94.1555, 0.3424,
0.3943

■ 89.0324, 0.3729,
0.4715

■ 96.2900, 0.3306,
0.3677

■ 87.7137, 0.3796,
0.4928

■ 98.6546, 0.3188,
0.3420

■ 86.5674, 0.3839,
0.5101

100.0000, 0.3127,
0.3290

■ 85.5772, 0.3856,
0.5229

■ 84.7229, 0.3847,
0.5309

■ 84.3536, 0.3837,
0.5336

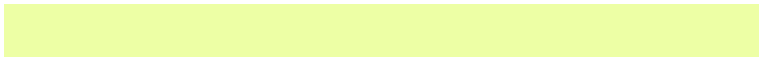
Harmonies

Analogous

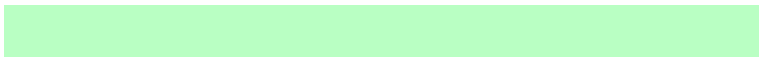
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2411, 0.3945, 0.4061



92.2411, 0.3537, 0.4211



92.2411, 0.3039, 0.4068

Triad

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



92.2411, 0.3537, 0.4211



92.2411, 0.2209, 0.2735



92.2411, 0.3663, 0.2949

Complementary

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



92.2411, 0.3537, 0.4211



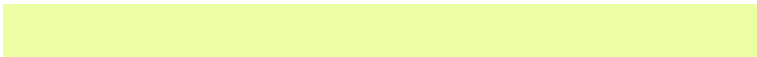
44.2110, 0.2608, 0.2259

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.



92.2411, 0.3152, 0.2654



92.2411, 0.3537, 0.4211



92.2411, 0.2341, 0.2518

Square

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



92.2411, 0.3537, 0.4211



92.2411, 0.2292, 0.3142



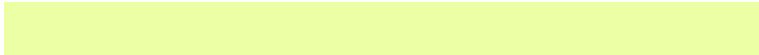
92.2411, 0.2673, 0.2497



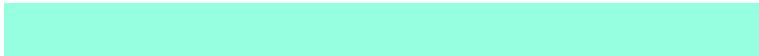
92.2411, 0.4036, 0.3330

Rectangle

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



92.2411, 0.3537, 0.4211



92.2411, 0.2724, 0.3811



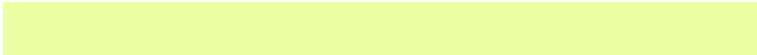
92.2411, 0.2673, 0.2497



92.2411, 0.3499, 0.2838

Sweetspot

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



92.2414, 0.3537, 0.4211



97.2742, 0.3256, 0.3565



57.8534, 0.3910, 0.3481



20.7530, 0.3272, 0.3600



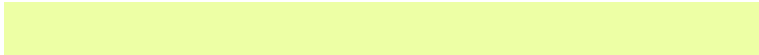
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

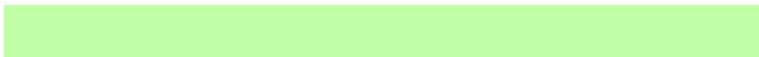
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2414, 0.3537, 0.4211



91.0745, 0.3608, 0.4388



85.4465, 0.3240, 0.4306



20.8964, 0.3238, 0.3527



44.1411, 0.3843, 0.5331



4.3423, 0.3885, 0.5298

Inverse Universe

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



44.2110, 0.2608, 0.2259



36.8401, 0.2486, 0.2033



50.6352, 0.2951, 0.2353



17.5527, 0.3010, 0.3046



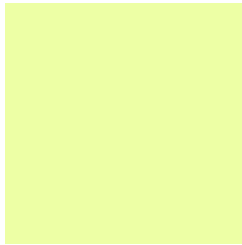
4.1898, 0.1597, 0.0653



0.4511, 0.1695, 0.0708

Previews

White Background



This preview shows how the Yxy color 92.2411, 0.3537, 0.4211 looks on a white background.

Color Contrast Check

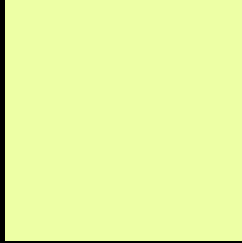
Large Text (above 18pt) WCAG AA × Fail

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 92.2411, 0.3537, 0.4211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

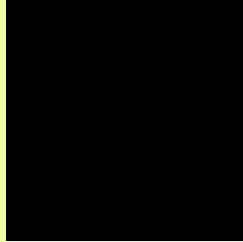
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.2411, 0.3537, 0.4211

Background



This preview shows how black text looks on a background with the Yxy color 92.2411, 0.3537, 0.4211.

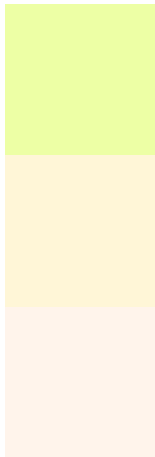


This preview shows how white text looks on a background with the Yxy color 92.2411, 0.3537, 0.4211.

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

92.2411, 0.3537, 0.4211

Protanopia

92.0778, 0.3377, 0.3596

Deuteranopia

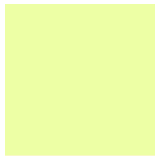
91.9595, 0.3254, 0.3378



Tritanopia

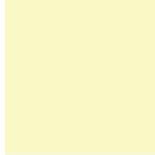
91.8778, 0.3087, 0.3183

Trichromacy



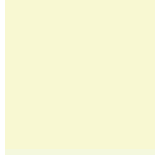
Original Color

92.2411, 0.3537, 0.4211



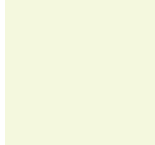
Protanomaly

91.7390, 0.3436, 0.3813



Deuteranomaly

91.7444, 0.3358, 0.3671



Tritanomaly

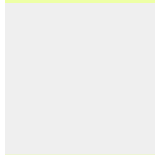
91.6418, 0.3257, 0.3551

Monochromacy



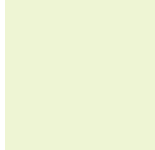
Original Color

92.2411, 0.3537, 0.4211



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.2354, 0.3282, 0.3629

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2411, 0.3537, 0.4211 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(237, 255, 165)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 165)  
}
```

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(237, 255, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 165) }
```

Border

The CSS property to change the border of an element to Yxy 92.2411, 0.3537, 0.4211 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(237, 255, 165) }
```

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

```
.border{ border-color:rgb(237, 255, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 255, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 165);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2411, 0.3537, 0.4211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 165) }
```

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

```
.background{ background-color: rgb(237,  
255, 165) }
```

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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