

Converting Colors

$Yxy(92.2917, 0.3417, 0.4046)$

Have a look what the booklet for
Yxy(92.2917, 0.3417, 0.4046)
contains.

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Color

Yxy(92.2210, 0.3413, 0.4045)

Conversions

Conversions Part 1

Format	Color
Hex	E9FFB6
RGB	233, 255, 182
RGB Percent	91%, 100%, 71%
CMY	0.0862, 0.0000, 0.2863
CMYK	0.09, 0.00, 0.29, 0.00
HSL	78°, 100%, 86%
HSV	78°, 29%, 100%
XYZ	77.8122, 92.2210, 57.9545
YIQ	240.1000, 10.3210, -27.3670

Conversions

Conversions Part 2

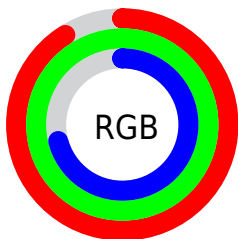
Format	Color
RYB	182, 255, 204
Decimal	15335350
CIELab	96.91, -18.94, 32.59
CIELCh	97, 37.695, 120.165
Yxy	92.2210, 0.3413, 0.4045
Android (android.graphics.Color)	4293525430 (0xFFE9FFB6)
YUV	240.1000, -28.6433, -6.2267
Hunter-Lab	96.0318, -23.4214, 31.4412

Details

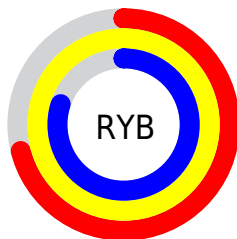
The Yxy color **92.2210, 0.3413, 0.4045** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.5111, 0.2776, 0.2489**, and the grayscale version is **87.4465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **51.2938, 0.3472, 0.4218** is the 20% darker color. If you saturate the color by 10%, you get **89.9997, 0.3505, 0.4324**, and if you desaturate by 10%, it is **94.6971, 0.3314, 0.3770**.

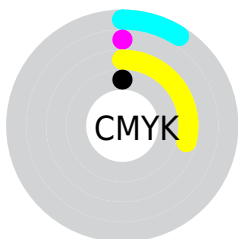
Distribution



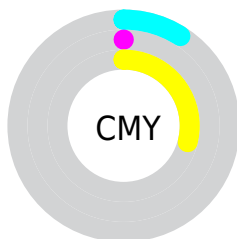
- Red (91%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2210, 0.3413, 0.4045 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 92.2210, 0.3413, 0.4045 by changing the saturation by 10% instead.


 92.2210, 0.3413,
0.4045

 92.2210, 0.3413,
0.4045


535.2295, 0.3294,
0.3701

 69.8242, 0.3437,
0.4122


 150.4197, 0.3374,
0.3927

 51.3832, 0.3465,
0.4216


186.9903, 0.3359,
0.3881

 36.5137, 0.3497,
0.4332

229.0544, 0.3345,
0.3841

 24.8312, 0.3535,
0.4482

276.9962, 0.3332,
0.3806

 15.9513, 0.3578,
0.4678

331.2003, 0.3321,
0.3775

 9.4897, 0.3624,
0.4946

392.0509, 0.3311,

 5.0620, 0.3660,

0.3747

0.5325

459.9325, 0.3302,
0.3723

■ 2.2837, 0.3821,
0.6179

■ 0.7650, 0.2571,
0.7429

■ 92.2210, 0.3413,
0.4045

■ 92.2210, 0.3413,
0.4045

■ 89.9997, 0.3505,
0.4324

■ 94.6971, 0.3314,
0.3770

■ 88.0122, 0.3585,
0.4595

■ 97.4285, 0.3213,
0.3505

■ 86.2496, 0.3649,
0.4849

100.0000, 0.3127,
0.3290

■ 84.6985, 0.3691,
0.5071

■ 83.3437, 0.3707,
0.5251

■ 82.1672, 0.3698,
0.5382

■ 81.1437, 0.3666,
0.5465

■ 81.0107, 0.3661,
0.5475

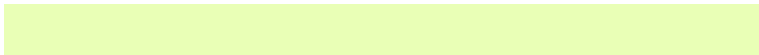
Harmonies

Analogous

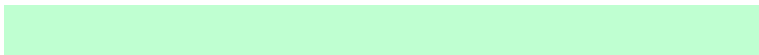
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2210, 0.3768, 0.3967



92.2210, 0.3413, 0.4045



92.2210, 0.2996, 0.3884

Triad

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



92.2210, 0.3413, 0.4045



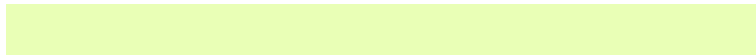
92.2210, 0.2360, 0.2794



92.2210, 0.3629, 0.3053

Complementary

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



92.2210, 0.3413, 0.4045



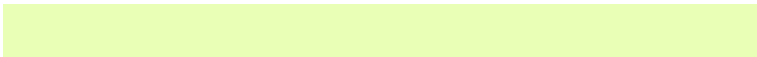
53.5111, 0.2776, 0.2489

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.



92.2210, 0.3218, 0.2786



92.2210, 0.3413, 0.4045



92.2210, 0.2501, 0.2630

Square

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



92.2210, 0.3413, 0.4045



92.2210, 0.2405, 0.3115



92.2210, 0.2806, 0.2633



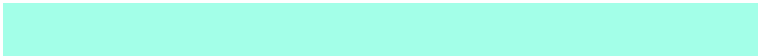
92.2210, 0.3906, 0.3384

Rectangle

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



92.2210, 0.3413, 0.4045



92.2210, 0.2740, 0.3658



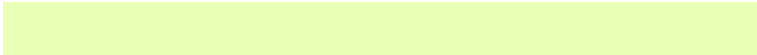
92.2210, 0.2806, 0.2633



92.2210, 0.3500, 0.2954

Sweetspot

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



92.2243, 0.3413, 0.4045



97.3219, 0.3217, 0.3515



67.7760, 0.3699, 0.3519



20.7426, 0.3232, 0.3553



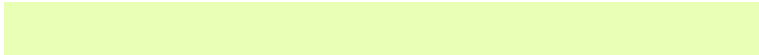
0.0000, 0.0000, 0.0000



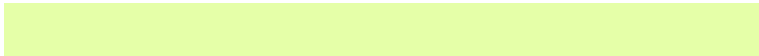
21.4041, 0.3127, 0.3290

Same Dimension

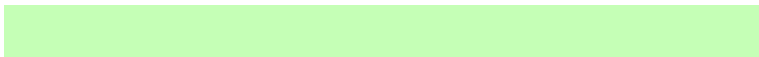
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2243, 0.3413, 0.4045



90.9989, 0.3464, 0.4195



86.7139, 0.3177, 0.4104



20.8001, 0.3222, 0.3528



42.4114, 0.3670, 0.5468



4.1865, 0.3731, 0.5420

Inverse Universe

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



53.5111, 0.2776, 0.2489



46.8593, 0.2695, 0.2319



59.2717, 0.3048, 0.2550



17.6428, 0.3026, 0.3048



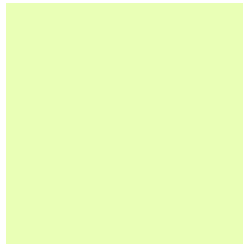
4.6598, 0.1701, 0.0711



0.5077, 0.1819, 0.0776

Previews

White Background



This preview shows how the Yxy color 92.2210, 0.3413, 0.4045 looks on a white background.

Color Contrast Check

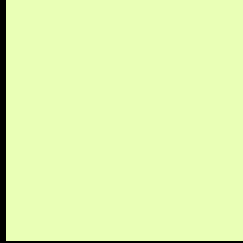
Large Text (above 18pt) WCAG AA × Fail

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 92.2210, 0.3413, 0.4045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

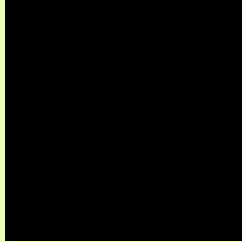
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

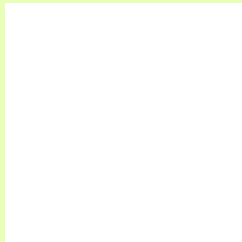
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2210, 0.3413, 0.4045

Background



This preview shows how black text looks on a background with the Yxy color 92.2210, 0.3413, 0.4045.

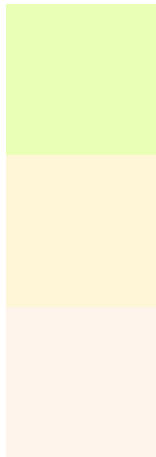


This preview shows how white text looks on a background with the Yxy color 92.2210, 0.3413, 0.4045.

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

92.2210, 0.3413, 0.4045

Protanopia

92.1294, 0.3371, 0.3586

Deuteranopia

92.0175, 0.3248, 0.3368

Tritanopia

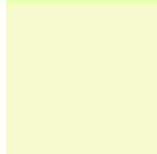
91.9373, 0.3068, 0.3192

Trichromacy



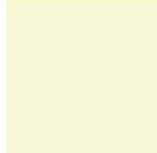
Original Color

92.2210, 0.3413, 0.4045



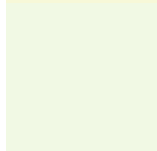
Protanomaly

91.8852, 0.3386, 0.3743



Deuteranomaly

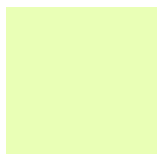
91.8668, 0.3314, 0.3611



Tritanomaly

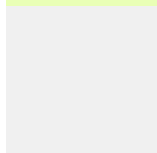
92.0536, 0.3201, 0.3501

Monochromacy



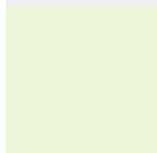
Original Color

92.2210, 0.3413, 0.4045



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.4238, 0.3232, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2210, 0.3413, 0.4045 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(233, 255, 182)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 182)  
}
```

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(233, 255, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 182) }
```

Border

The CSS property to change the border of an element to Yxy 92.2210, 0.3413, 0.4045 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(233, 255, 182) }
```

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

```
.border{ border-color:rgb(233, 255, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 255, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2210, 0.3413, 0.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 182) }
```

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

```
.background{ background-color: rgb(233,  
255, 182) }
```

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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