

Converting Colors

$Y_{xy}(137.5292, 0.3215, 0.4359)$

Have a look what the booklet for
Yxy(137.5292, 0.3215, 0.4359)
contains.

Yxy(92.5600, 0.3283, 0.3849)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.5600, 0.3283, 0.3849)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFC9
RGB	230, 255, 201
RGB Percent	90%, 100%, 79%
CMY	0.0978, 0.0000, 0.2117
CMYK	0.10, 0.00, 0.21, 0.00
HSL	88°, 100%, 89%
HSV	88°, 21%, 100%
XYZ	78.9489, 92.5600, 68.9691
YIQ	241.3690, 2.4340, -22.0940

Conversions

Conversions Part 2

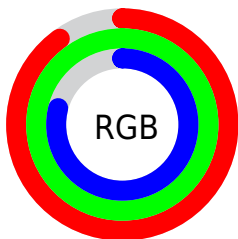
Format	Color
R_{YB}	201, 255, 226
Decimal	15138761
CIE _{Lab}	97.05, -17.27, 23.15
CIE _{LCh}	97, 28.882, 126.725
Yxy	92.5600, 0.3283, 0.3849
Android (android.graphics.Color)	4293328841 (0xFFE6FFC9)
YUV	241.3690, -19.9019, -9.9706
Hunter-Lab	96.2081, -21.8860, 24.8422

Details

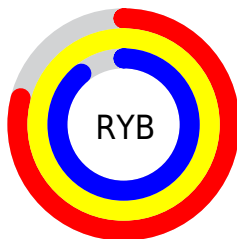
The Yxy color **92.5600, 0.3283, 0.3849** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.1591, 0.2942, 0.2727**, and the grayscale version is **88.4367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4934, 0.3309, 0.3970** is the 20% darker color. If you saturate the color by 10%, you get **89.5774, 0.3352, 0.4139**, and if you desaturate by 10%, it is **95.8816, 0.3210, 0.3574**.

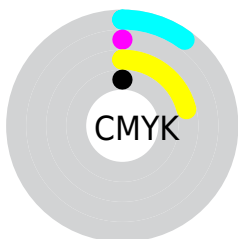
Distribution



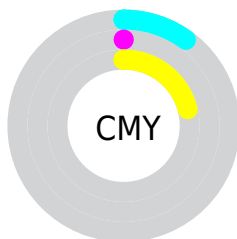
- Red (90%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)




- Cyan (10%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.5600, 0.3283, 0.3849 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 92.5600, 0.3283, 0.3849 by changing the saturation by 10% instead.


 92.5600, 0.3283,
0.3849

 92.5600, 0.3283,
0.3849


536.3237, 0.3218,
0.3594

 70.1058, 0.3296,
0.3906


150.8893, 0.3262,
0.3762

 51.6128, 0.3312,
0.3976


187.5332, 0.3253,
0.3727

 36.6966, 0.3330,
0.4063


229.6759, 0.3246,
0.3698

 24.9726, 0.3351,
0.4176

277.7017, 0.3239,
0.3672

 16.0567, 0.3377,
0.4326

331.9949, 0.3233,
0.3649

 9.5643, 0.3406,
0.4536

392.9401, 0.3227,

 5.1110, 0.3436,

0.3629

0.4846

460.9216, 0.3223,
0.3611

■ 2.3126, 0.3517,
0.5453

■ 0.7803, 0.2909,
0.7091

■ 92.5600, 0.3283,
0.3849

■ 92.5600, 0.3283,
0.3849

■ 89.5774, 0.3352,
0.4139

■ 95.8816, 0.3210,
0.3574

■ 86.9094, 0.3413,
0.4437

■ 99.5418, 0.3136,
0.3318

■ 84.5465, 0.3462,
0.4731

■ 99.9947, 0.3127,
0.3290

■ 82.4745, 0.3493,
0.5008

■ 80.6772, 0.3503,
0.5252

■ 79.1368, 0.3489,
0.5450

■ 77.8321, 0.3453,
0.5593

■ 76.8486, 0.3406,
0.5678

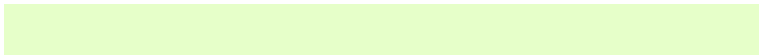
Harmonies

Analogous

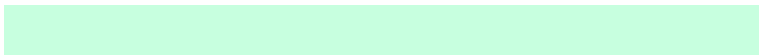
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5600, 0.3572, 0.3837



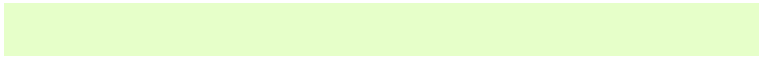
92.5600, 0.3283, 0.3849



92.5600, 0.2963, 0.3687

Triad

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



92.5600, 0.3283, 0.3849



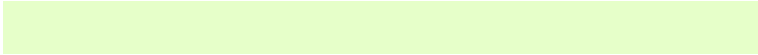
92.5600, 0.2542, 0.2872



92.5600, 0.3569, 0.3163

Complementary

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



92.5600, 0.3283, 0.3849



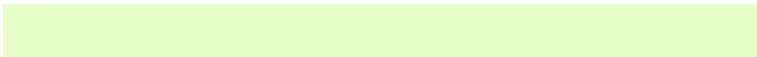
65.1591, 0.2942, 0.2727

Split Complementary

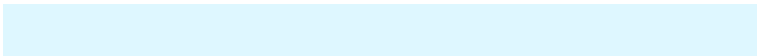
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5600, 0.3272, 0.2936



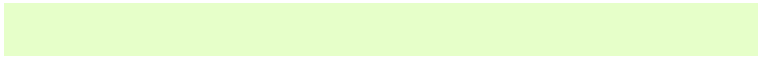
92.5600, 0.3283, 0.3849



92.5600, 0.2685, 0.2767

Square

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



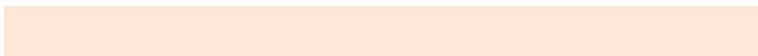
92.5600, 0.3283, 0.3849



92.5600, 0.2546, 0.3100



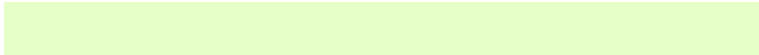
92.5600, 0.2947, 0.2793



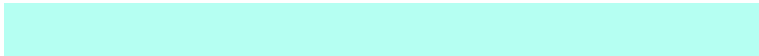
92.5600, 0.3745, 0.3428

Rectangle

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



92.5600, 0.3283, 0.3849



92.5600, 0.2774, 0.3505



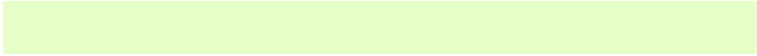
92.5600, 0.2947, 0.2793



92.5600, 0.3479, 0.3081

Sweetspot

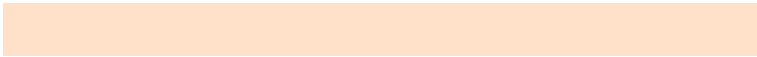
The Sweet Spot groups the original color and five complimentary colors.



92.5640, 0.3283, 0.3849



97.7374, 0.3172, 0.3439



79.4903, 0.3506, 0.3537



20.8687, 0.3176, 0.3456



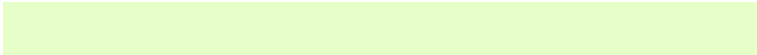
0.0000, 0.0000, 0.0000



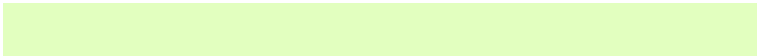
21.4041, 0.3127, 0.3290

Same Dimension

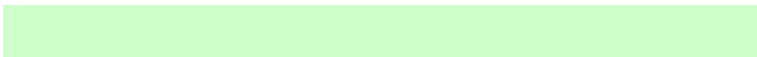
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5640, 0.3283, 0.3849



91.3882, 0.3310, 0.3959



88.5289, 0.3116, 0.3878



20.6494, 0.3198, 0.3530



40.2479, 0.3418, 0.5668



3.9838, 0.3500, 0.5603

Inverse Universe

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



65.1591, 0.2942, 0.2727



59.9163, 0.2902, 0.2616



69.7484, 0.3132, 0.2759



17.7889, 0.3051, 0.3049



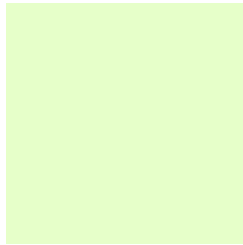
5.8649, 0.1949, 0.0847



0.6352, 0.2074, 0.0916

Previews

White Background



This preview shows how the Yxy color 92.5600, 0.3283, 0.3849 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 92.5600, 0.3283, 0.3849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

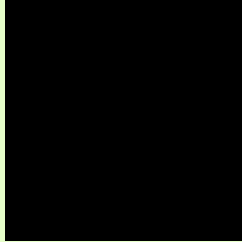
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

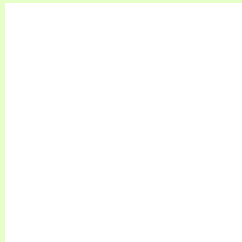
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.5600, 0.3283, 0.3849

Background



This preview shows how black text looks on a background with the Yxy color 92.5600, 0.3283, 0.3849.

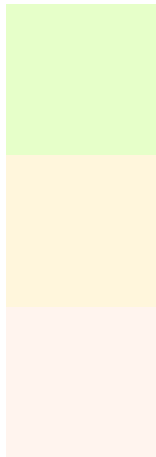


This preview shows how white text looks on a background with the Yxy color 92.5600, 0.3283, 0.3849.

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

92.5600, 0.3283, 0.3849

Protanopia

92.3388, 0.3345, 0.3546

Deuteranopia

92.1344, 0.3236, 0.3349

Tritanopia

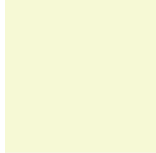
92.1862, 0.3055, 0.3202

Trichromacy



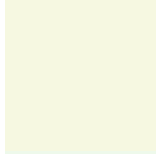
Original Color

92.5600, 0.3283, 0.3849



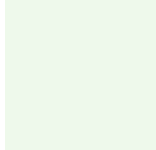
Protanomaly

92.1483, 0.3324, 0.3652



Deuteranomaly

92.1639, 0.3252, 0.3520



Tritanomaly

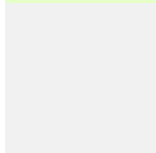
91.9267, 0.3140, 0.3431

Monochromacy



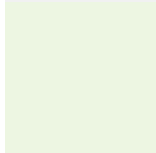
Original Color

92.5600, 0.3283, 0.3849



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.4070, 0.3189, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5600, 0.3283, 0.3849 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(230, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 201)  
}
```

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(230, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 201) }
```

Border

The CSS property to change the border of an element to Yxy 92.5600, 0.3283, 0.3849 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(230, 255, 201) }
```

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

```
.border{ border-color:rgb(230, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5600, 0.3283, 0.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 201) }
```

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

```
.background{ background-color: rgb(230,  
255, 201) }
```

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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