

Converting Colors

$Yxy(92.0877, 0.3264, 0.3852)$

Have a look what the booklet for
Yxy(92.0877, 0.3264, 0.3852)
contains.

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Color

Yxy(92.0679, 0.3263, 0.3853)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFC9
RGB	227, 255, 201
RGB Percent	89%, 100%, 79%
CMY	0.1100, 0.0000, 0.2118
CMYK	0.11, 0.00, 0.21, 0.00
HSL	91°, 100%, 89%
HSV	91°, 21%, 100%
XYZ	77.9698, 92.0679, 68.9135
YIQ	240.4720, 0.6460, -22.7300

Conversions

Conversions Part 2

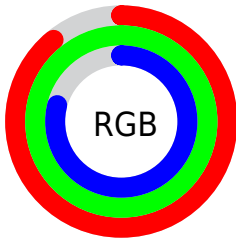
Format	Color
R_{YB}	201, 255, 229
Decimal	14942153
CIE _{Lab}	96.85, -18.36, 22.85
CIE _{LCh}	97, 29.310, 128.777
Yxy	92.0679, 0.3263, 0.3853
Android (android.graphics.Color)	4293132233 (0xFFE3FFC9)
YUV	240.4720, -19.4597, -11.8149
Hunter-Lab	95.9520, -22.8685, 24.5838

Details

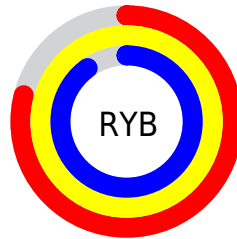
The Yxy color **92.0679, 0.3263, 0.3853** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.6535, 0.2964, 0.2731**, and the grayscale version is **87.6695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1527, 0.3284, 0.3976** is the 20% darker color. If you saturate the color by 10%, you get **88.8879, 0.3322, 0.4148**, and if you desaturate by 10%, it is **95.5979, 0.3200, 0.3575**.

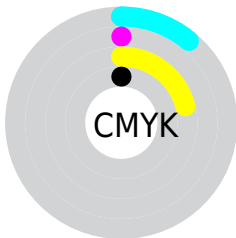
Distribution



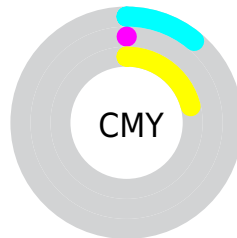
- Red (89%)
- Green (100%)
- Blue (79%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.0679, 0.3263, 0.3853 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 92.0679, 0.3263, 0.3853 by changing the saturation by 10% instead.


 92.0679, 0.3263,
0.3853

 92.0679, 0.3263,
0.3853


534.7349, 0.3207,
0.3596

 69.6970, 0.3274,
0.3911

150.2075, 0.3245,
0.3765

 51.2796, 0.3287,
0.3982


186.7450, 0.3237,
0.3730

 36.4312, 0.3302,
0.4070


228.7735, 0.3231,
0.3700

 24.7674, 0.3320,
0.4185

276.6774, 0.3225,
0.3674

 15.9038, 0.3341,
0.4338

330.8411, 0.3220,
0.3651

 9.4561, 0.3363,
0.4552

391.6490, 0.3215,

 5.0399, 0.3382,

0.3631

0.4871

459.4855, 0.3211,
0.3612

■ 2.2707, 0.3448,
0.5502

■ 0.7581, 0.2644,
0.7356

■ 92.0679, 0.3263,
0.3853

■ 92.0679, 0.3263,
0.3853

■ 88.8879, 0.3322,
0.4148

■ 95.5979, 0.3200,
0.3575

■ 86.0666, 0.3373,
0.4452

■ 99.5127, 0.3135,
0.3319

■ 83.5820, 0.3412,
0.4755

100.0000, 0.3127,
0.3290

■ 81.4186, 0.3435,
0.5042

■ 79.5589, 0.3437,
0.5296

■ 77.9838, 0.3417,
0.5504

■ 76.6704, 0.3376,
0.5653

■ 75.7009, 0.3327,
0.5741

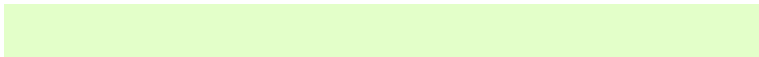
Harmonies

Analogous

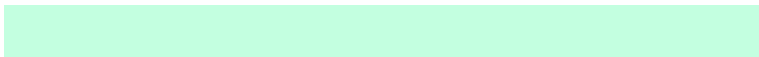
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0679, 0.3561, 0.3852



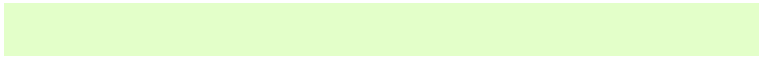
92.0679, 0.3263, 0.3853



92.0679, 0.2939, 0.3677

Triad

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



92.0679, 0.3263, 0.3853



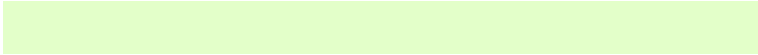
92.0679, 0.2538, 0.2853



92.0679, 0.3594, 0.3179

Complementary

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



92.0679, 0.3263, 0.3853



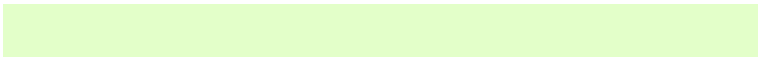
65.6535, 0.2964, 0.2731

Split Complementary

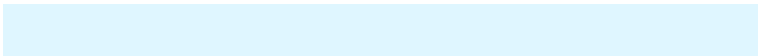
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0679, 0.3297, 0.2944



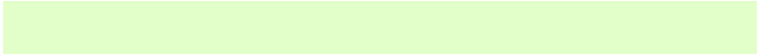
92.0679, 0.3263, 0.3853



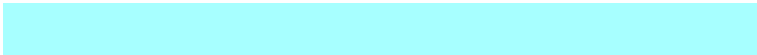
92.0679, 0.2693, 0.2756

Square

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



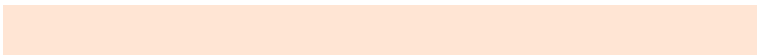
92.0679, 0.3263, 0.3853



92.0679, 0.2532, 0.3077



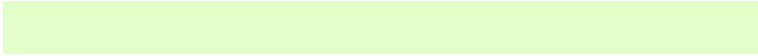
92.0679, 0.2966, 0.2792



92.0679, 0.3762, 0.3449

Rectangle

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



92.0679, 0.3263, 0.3853



92.0679, 0.2751, 0.3488



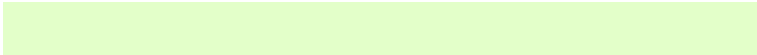
92.0679, 0.2966, 0.2792



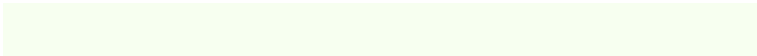
92.0679, 0.3505, 0.3094

Sweetspot

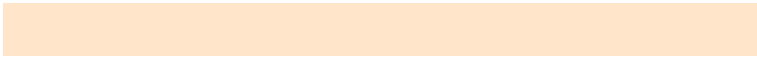
The Sweet Spot groups the original color and five complimentary colors.



92.0605, 0.3263, 0.3853



97.5777, 0.3166, 0.3439



81.4578, 0.3499, 0.3573



20.8310, 0.3170, 0.3456



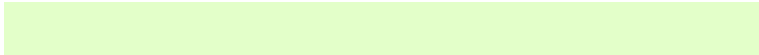
0.0000, 0.0000, 0.0000



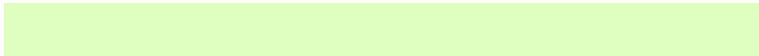
21.4041, 0.3127, 0.3290

Same Dimension

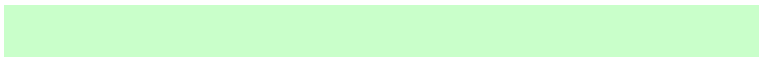
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0605, 0.3263, 0.3853



90.8061, 0.3286, 0.3964



88.1956, 0.3094, 0.3872



20.5965, 0.3189, 0.3531



39.6432, 0.3339, 0.5731



3.9245, 0.3425, 0.5662

Inverse Universe

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



65.6535, 0.2964, 0.2731



60.4944, 0.2928, 0.2621



70.1917, 0.3158, 0.2770



17.8417, 0.3061, 0.3050



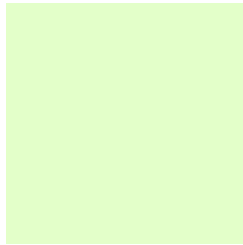
6.4425, 0.2059, 0.0908



0.6923, 0.2179, 0.0974

Previews

White Background



This preview shows how the Yxy color 92.0679, 0.3263, 0.3853 looks on a white background.

Color Contrast Check

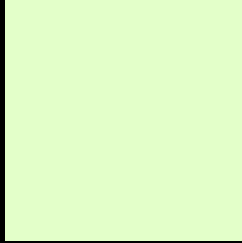
Large Text (above 18pt) WCAG AA × Fail

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 92.0679, 0.3263, 0.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

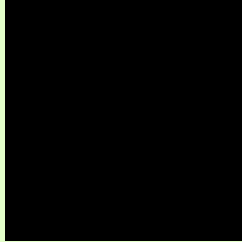
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

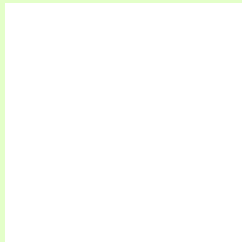
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.0679, 0.3263, 0.3853

Background



This preview shows how black text looks on a background with the Yxy color 92.0679, 0.3263, 0.3853.

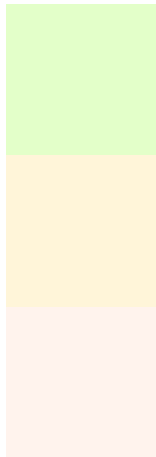


This preview shows how white text looks on a background with the Yxy color 92.0679, 0.3263, 0.3853.

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

92.0679, 0.3263, 0.3853

Protanopia

91.5746, 0.3366, 0.3567

Deuteranopia

91.4756, 0.3243, 0.3349

Tritanopia

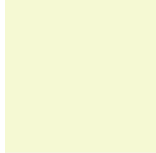
92.0088, 0.3049, 0.3202

Trichromacy



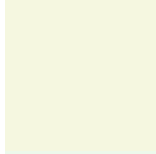
Original Color

92.0679, 0.3263, 0.3853



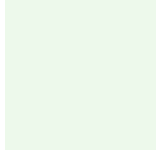
Protanomaly

91.8670, 0.3330, 0.3673



Deuteranomaly

91.3158, 0.3253, 0.3520



Tritanomaly

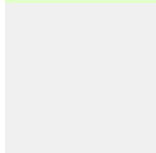
91.7540, 0.3133, 0.3431

Monochromacy



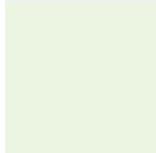
Original Color

92.0679, 0.3263, 0.3853



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.4580, 0.3176, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0679, 0.3263, 0.3853 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(227, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 201) }
```

Border

The CSS property to change the border of an element to Yxy 92.0679, 0.3263, 0.3853 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(227, 255, 201) }
```

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

```
.border{ border-color:rgb(227, 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(227, 255, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0679, 0.3263, 0.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 201) }
```

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

```
.background{ background-color: rgb(227,  
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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