

Converting Colors

$Yxy(91.0098, 0.3258, 0.3855)$

Have a look what the booklet for
Yxy(91.0098, 0.3258, 0.3855)
contains.

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Color

Yxy(91.0613, 0.3257, 0.3856)

Conversions

Conversions Part 1

Format	Color
Hex	E1FEC8
RGB	225, 254, 200
RGB Percent	88%, 100%, 78%
CMY	0.1177, 0.0039, 0.2156
CMYK	0.11, 0.00, 0.21, 0.00
HSL	92°, 96%, 89%
HSV	92°, 21%, 100%
XYZ	76.9156, 91.0613, 68.1779
YIQ	239.1730, 0.0500, -22.9420

Conversions

Conversions Part 2

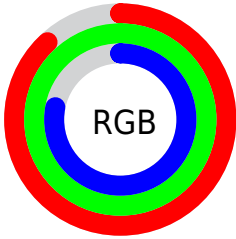
Format	Color
R_{YB}	200, 254, 229
Decimal	14810824
CIE Lab	96.44, -18.70, 22.75
CIE LCh	96, 29.447, 129.413
Yxy	91.0613, 0.3257, 0.3856
Android (android.graphics.Color)	4293000904 (0xFFE1FEC8)
YUV	239.1730, -19.3123, -12.4297
Hunter-Lab	95.4260, -23.1204, 24.4380

Details

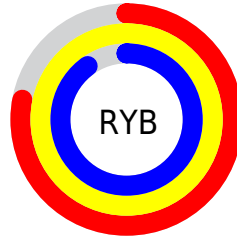
The Yxy color **91.0613, 0.3257, 0.3856** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.1409, 0.2970, 0.2730**, and the grayscale version is **86.6126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.4428, 0.3277, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **87.8666, 0.3313, 0.4153**, and if you desaturate by 10%, it is **94.6368, 0.3197, 0.3577**.

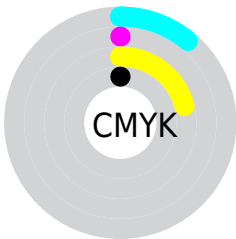
Distribution



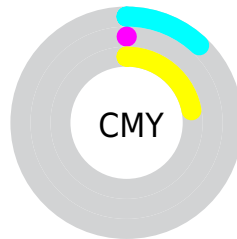
- Red (88%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (90%)



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





- Cyan (12%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0613, 0.3257, 0.3856 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 91.0613, 0.3257, 0.3856 by changing the saturation by 10% instead.

 91.0613, 0.3257,
0.3856

 91.0613, 0.3257,
0.3856


531.4772, 0.3204,
0.3597

 68.8612, 0.3268,
0.3914

148.8117, 0.3240,
0.3767

 50.5987, 0.3280,
0.3986


185.1308, 0.3233,
0.3732

 35.8893, 0.3294,
0.4076

226.9251, 0.3226,
0.3702

 24.3487, 0.3311,
0.4192

274.5789, 0.3221,
0.3675

 15.5925, 0.3330,
0.4348

328.4766, 0.3216,
0.3652

 9.2363, 0.3350,
0.4566

389.0026, 0.3211,

 4.8956, 0.3365,

0.3632

0.4892

456.5413, 0.3207,
0.3613

■ 2.1861, 0.3439,
0.5566

■ 0.7124, 0.2365,
0.7635

■ 91.0613, 0.3257,
0.3856

■ 91.0613, 0.3257,
0.3856

■ 87.8666, 0.3313,
0.4153

■ 94.6368, 0.3197,
0.3577

■ 85.0270, 0.3361,
0.4459

■ 98.5943, 0.3135,
0.3321

■ 82.5316, 0.3397,
0.4765

■ 99.3696, 0.3128,
0.3281

■ 80.3646, 0.3417,
0.5055

■ 78.5081, 0.3416,
0.5312

■ 76.9427, 0.3394,
0.5521

■ 75.6452, 0.3352,
0.5672

■ 74.7016, 0.3303,
0.5759

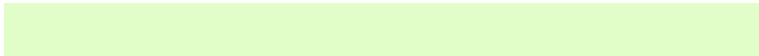
Harmonies

Analogous

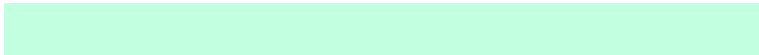
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0613, 0.3559, 0.3859



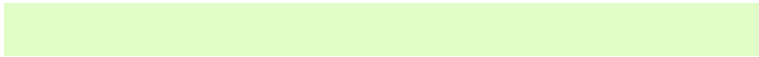
91.0613, 0.3257, 0.3856



91.0613, 0.2930, 0.3675

Triad

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



91.0613, 0.3257, 0.3856



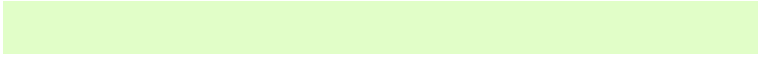
91.0613, 0.2536, 0.2846



91.0613, 0.3603, 0.3183

Complementary

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



91.0613, 0.3257, 0.3856



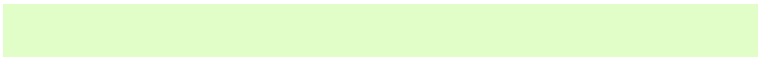
65.1409, 0.2970, 0.2730

Split Complementary

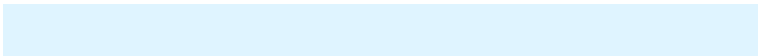
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.0613, 0.3305, 0.2946



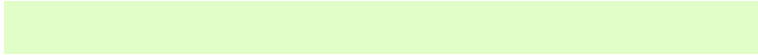
91.0613, 0.3257, 0.3856



91.0613, 0.2694, 0.2751

Square

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



91.0613, 0.3257, 0.3856



91.0613, 0.2525, 0.3069



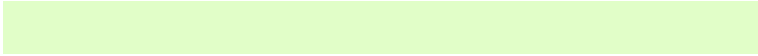
91.0613, 0.2971, 0.2790



91.0613, 0.3769, 0.3456

Rectangle

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



91.0613, 0.3257, 0.3856



91.0613, 0.2743, 0.3483



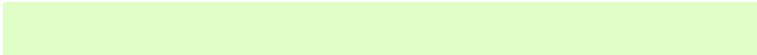
91.0613, 0.2971, 0.2790



91.0613, 0.3514, 0.3098

Sweetspot

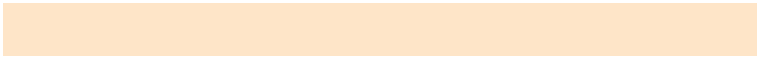
The Sweet Spot groups the original color and five complimentary colors.



91.0653, 0.3257, 0.3856



97.5265, 0.3164, 0.3440



81.1800, 0.3498, 0.3583



20.8189, 0.3168, 0.3456



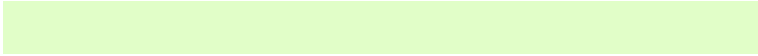
0.0000, 0.0000, 0.0000



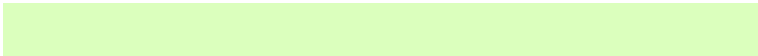
21.4041, 0.3127, 0.3290

Same Dimension

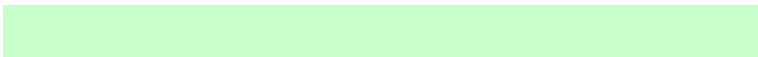
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0653, 0.3257, 0.3856



90.2958, 0.3284, 0.3995



87.4277, 0.3089, 0.3863



20.5796, 0.3186, 0.3531



39.4659, 0.3315, 0.5750



3.9068, 0.3402, 0.5681

Inverse Universe

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



65.1409, 0.2970, 0.2730



59.3892, 0.2928, 0.2594



69.4326, 0.3165, 0.2776



17.8587, 0.3064, 0.3050



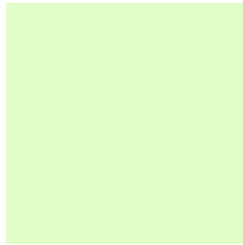
6.6462, 0.2096, 0.0929



0.7121, 0.2215, 0.0994

Previews

White Background



This preview shows how the Yxy color 91.0613, 0.3257, 0.3856 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 91.0613, 0.3257, 0.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

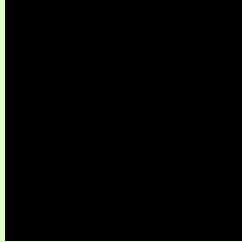
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

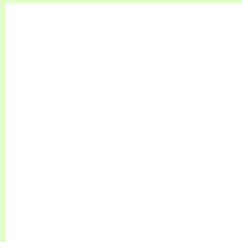
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0613, 0.3257, 0.3856

Background



This preview shows how black text looks on a background with the Yxy color 91.0613, 0.3257, 0.3856.

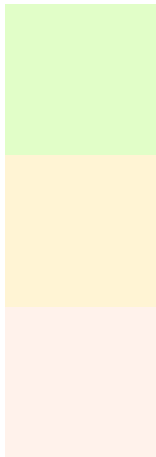


This preview shows how white text looks on a background with the Yxy color 91.0613, 0.3257, 0.3856.

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

91.0613, 0.3257, 0.3856

Protanopia

90.7148, 0.3399, 0.3607

Deuteranopia

90.7624, 0.3256, 0.3359



Tritanopia

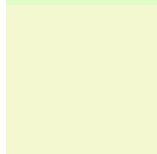
91.0501, 0.3037, 0.3191

Trichromacy



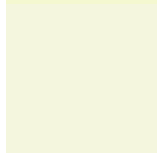
Original Color

91.0613, 0.3257, 0.3856



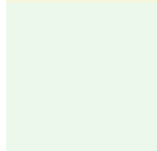
Protanomaly

90.9220, 0.3343, 0.3695



Deuteranomaly

90.4186, 0.3259, 0.3532



Tritanomaly

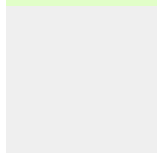
90.7951, 0.3121, 0.3421

Monochromacy



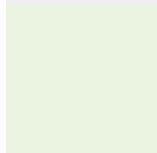
Original Color

91.0613, 0.3257, 0.3856



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

87.6300, 0.3177, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0613, 0.3257, 0.3856 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(225, 254, 200)` looks like.

```
.text, #text, p{  
    color:rgb(225, 254, 200)  
}
```

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(225, 254, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 254, 200) }
```

Border

The CSS property to change the border of an element to Yxy 91.0613, 0.3257, 0.3856 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(225, 254, 200) }
```

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

```
.border{ border-color:rgb(225, 254, 200) }
```

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

Here you see how a box with a 4 pixel rgb(225, 254, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 254, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 254, 200);  
box-shadow:4px 4px 4px 4px rgb(225, 254,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0613, 0.3257, 0.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 254, 200) }
```

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

```
.background{ background-color: rgb(225,  
254, 200) }
```

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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