

Converting Colors

$Yxy(93.8721, 0.3284, 0.3982)$

Have a look what the booklet for
Yxy(93.8721, 0.3284, 0.3982)
contains.

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Color

Yxy(91.2175, 0.3290, 0.3942)

Conversions

Conversions Part 1

Format	Color
Hex	E0FFC1
RGB	224, 255, 193
RGB Percent	88%, 100%, 76%
CMY	0.1215, 0.0000, 0.2431
CMYK	0.12, 0.00, 0.24, 0.00
HSL	90°, 100%, 88%
HSV	90°, 24%, 100%
XYZ	76.1303, 91.2175, 64.0513
YIQ	238.6630, 1.4260, -25.8540

Conversions

Conversions Part 2

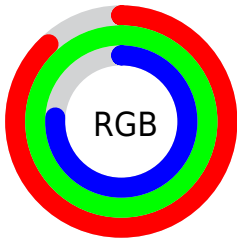
Format	Color
RYB	193, 255, 224
Decimal	14745537
CIELab	96.50, -20.56, 26.39
CIELCh	96, 33.453, 127.932
Yxy	91.2175, 0.3290, 0.3942
Android (android.graphics.Color)	4292935617 (0xFFE0FFC1)
YUV	238.6630, -22.5119, -12.8595
Hunter-Lab	95.5079, -24.8546, 27.0933

Details

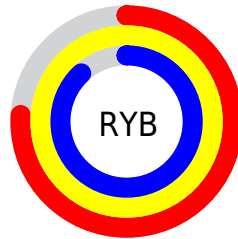
The Yxy color **91.2175, 0.3290, 0.3942** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.2111, 0.2926, 0.2639**, and the grayscale version is **86.2223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **50.5771, 0.3317, 0.4092** is the 20% darker color. If you saturate the color by 10%, you get **88.2178, 0.3350, 0.4239**, and if you desaturate by 10%, it is **94.5722, 0.3224, 0.3659**.

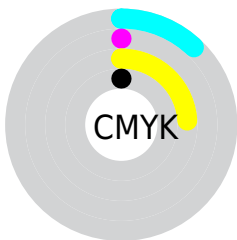
Distribution



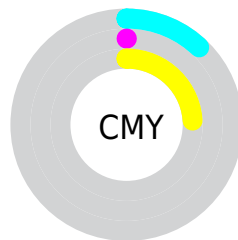
- Red (88%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.2175, 0.3290, 0.3942 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 91.2175, 0.3290, 0.3942 by changing the saturation by 10% instead.

91.2175, 0.3290,
0.3942

91.2175, 0.3290,
0.3942

531.9834, 0.3224,
0.3643

68.9909, 0.3303,
0.4009

149.0284, 0.3269,
0.3839

50.7043, 0.3318,
0.4092

185.3815, 0.3260,
0.3799

35.9733, 0.3335,
0.4196

227.2122, 0.3252,
0.3764

24.4136, 0.3355,
0.4330

274.9048, 0.3245,
0.3734

15.6407, 0.3377,
0.4509

328.8439, 0.3239,
0.3707

9.2703, 0.3399,
0.4759

389.4138, 0.3233,

4.9179, 0.3410,

0.3683

0.5127

456.9988, 0.3228,
0.3662

■ 2.1992, 0.3565,
0.6039

■ 0.7195, 0.2018,
0.7982

■ 91.2175, 0.3290,
0.3942

■ 91.2175, 0.3290,
0.3942

■ 88.2178, 0.3350,
0.4239

■ 94.5722, 0.3224,
0.3659


■ 85.5505, 0.3402,
0.4542


■ 98.2854, 0.3156,
0.3396

■ 83.2043, 0.3439,
0.4838


100.0000, 0.3127,
0.3290

■ 81.1635, 0.3458,
0.5113

 79.4108, 0.3456,
0.5351

 77.9265, 0.3431,
0.5538

 76.6871, 0.3385,
0.5667

 76.0738, 0.3353,
0.5720

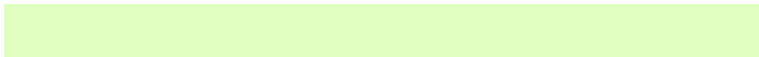
Harmonies

Analogous

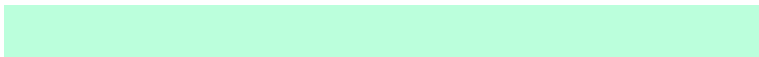
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2175, 0.3630, 0.3930



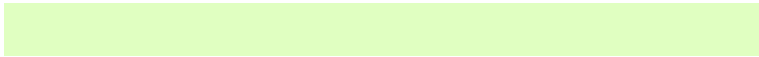
91.2175, 0.3290, 0.3942



91.2175, 0.2920, 0.3745

Triad

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



91.2175, 0.3290, 0.3942



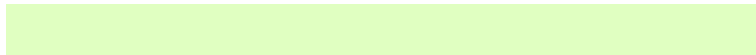
91.2175, 0.2456, 0.2795



91.2175, 0.3654, 0.3153

Complementary

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



91.2175, 0.3290, 0.3942



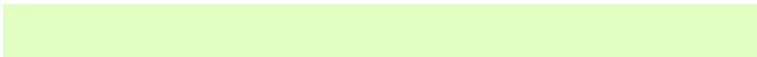
61.2111, 0.2926, 0.2639

Split Complementary

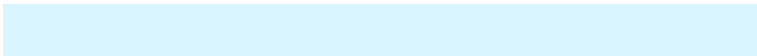
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2175, 0.3309, 0.2891



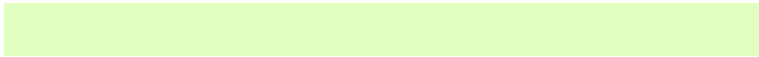
91.2175, 0.3290, 0.3942



91.2175, 0.2625, 0.2684

Square

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



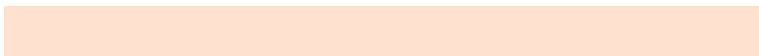
91.2175, 0.3290, 0.3942



91.2175, 0.2452, 0.3052



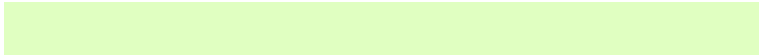
91.2175, 0.2931, 0.2723



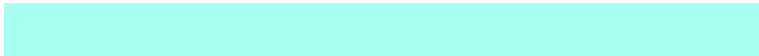
91.2175, 0.3853, 0.3458

Rectangle

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



91.2175, 0.3290, 0.3942



91.2175, 0.2705, 0.3526



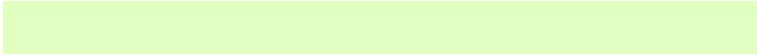
91.2175, 0.2931, 0.2723



91.2175, 0.3550, 0.3058

Sweetspot

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



91.2206, 0.3290, 0.3942



97.2501, 0.3175, 0.3465



77.8712, 0.3567, 0.3596



20.7666, 0.3179, 0.3481



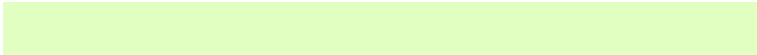
0.0000, 0.0000, 0.0000



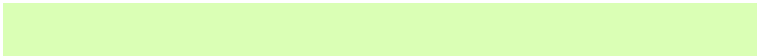
21.4041, 0.3127, 0.3290

Same Dimension

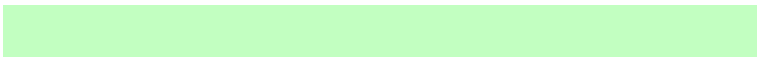
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2206, 0.3290, 0.3942



89.7695, 0.3319, 0.4080



86.8459, 0.3101, 0.3981



20.6144, 0.3192, 0.3530



39.8390, 0.3365, 0.5710



3.9439, 0.3450, 0.5643

Inverse Universe

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



61.2111, 0.2926, 0.2639



55.1954, 0.2878, 0.2502



66.4292, 0.3148, 0.2681



17.8237, 0.3057, 0.3050



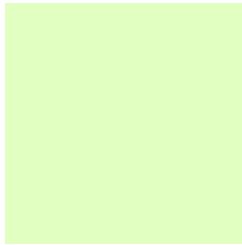
6.2374, 0.2021, 0.0887



0.6722, 0.2143, 0.0954

Previews

White Background



This preview shows how the Yxy color 91.2175, 0.3290, 0.3942 looks on a white background.

Color Contrast Check

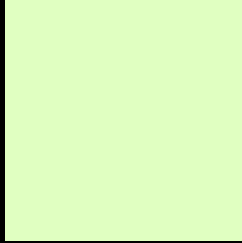
Large Text (above 18pt) WCAG AA × Fail

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 91.2175, 0.3290, 0.3942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

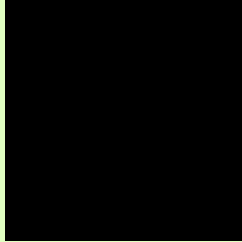
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

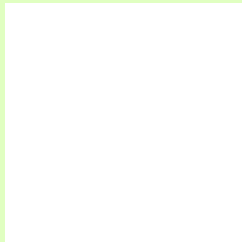
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2175, 0.3290, 0.3942

Background



This preview shows how black text looks on a background with the Yxy color 91.2175, 0.3290, 0.3942.

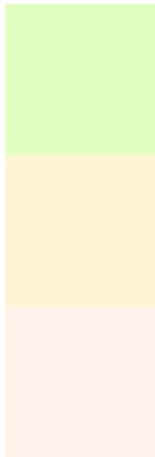


This preview shows how white text looks on a background with the Yxy color 91.2175, 0.3290, 0.3942.

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

91.2175, 0.3290, 0.3942

Protanopia

90.6645, 0.3405, 0.3617

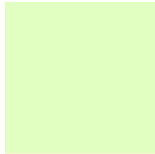
Deuteranopia

90.7048, 0.3262, 0.3369

Tritanopia

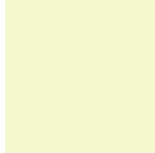
91.0501, 0.3037, 0.3191

Trichromacy



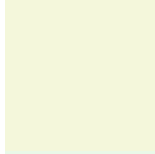
Original Color

91.2175, 0.3290, 0.3942



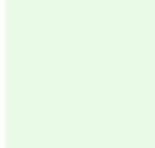
Protanomaly

90.7275, 0.3368, 0.3736



Deuteranomaly

90.8691, 0.3277, 0.3572



Tritanomaly

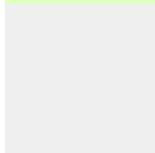
91.0700, 0.3132, 0.3462

Monochromacy



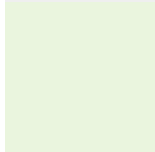
Original Color

91.2175, 0.3290, 0.3942



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0712, 0.3194, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2175, 0.3290, 0.3942 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(224, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 193)  
}
```

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(224, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 193) }
```

Border

The CSS property to change the border of an element to Yxy 91.2175, 0.3290, 0.3942 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(224, 255, 193) }
```

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

```
.border{ border-color:rgb(224, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2175, 0.3290, 0.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 193) }
```

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

```
.background{ background-color: rgb(224,  
255, 193) }
```

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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