

Converting Colors

Yxy(134.5518, 0.3141, 0.4227)

Have a look what the booklet for
Yxy(134.5518, 0.3141, 0.4227)
contains.

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Color

Yxy(92.3316, 0.3181, 0.3726)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFD5
RGB	225, 255, 213
RGB Percent	88%, 100%, 84%
CMY	0.1176, 0.0000, 0.1645
CMYK	0.12, 0.00, 0.16, 0.00
HSL	103°, 100%, 92%
HSV	103°, 16%, 100%
XYZ	78.8263, 92.3316, 76.6456
YIQ	241.2420, -4.3980, -19.4220

Conversions

Conversions Part 2

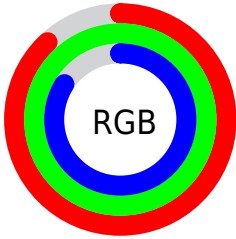
Format	Color
R _Y B	213, 255, 243
Decimal	14811093
CIE Lab	96.96, -17.11, 16.84
CIE LCh	97, 24.008, 135.462
Yxy	92.3316, 0.3181, 0.3726
Android (android.graphics.Color)	4293001173 (0xFFE1FFD5)
YUV	241.2420, -13.9233, -14.2442
Hunter-Lab	96.0893, -21.7249, 19.9699

Details

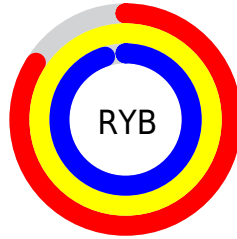
The Yxy color **92.3316, 0.3181, 0.3726** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.8923, 0.3062, 0.2870**, and the grayscale version is **88.2820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2918, 0.3188, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **88.3638, 0.3210, 0.4026**, and if you desaturate by 10%, it is **96.8215, 0.3149, 0.3452**.

Distribution



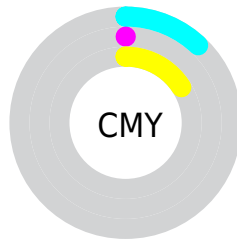
- Red (88%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3316, 0.3181, 0.3726 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 92.3316, 0.3181, 0.3726 by changing the saturation by 10% instead.

 92.3316, 0.3181,
0.3726

 92.3316, 0.3181,
0.3726


535.5866, 0.3160,
0.3528

 69.9161, 0.3185,
0.3771

150.5729, 0.3174,
0.3658

 51.4581, 0.3190,
0.3825


187.1675, 0.3172,
0.3631

 36.5733, 0.3195,
0.3894


229.2572, 0.3169,
0.3608

 24.8773, 0.3200,
0.3982

277.2264, 0.3167,
0.3588

 15.9857, 0.3206,
0.4101

331.4596, 0.3165,
0.3570

 9.5140, 0.3211,
0.4268

392.3411, 0.3163,

 5.0779, 0.3211,

0.3554

0.4519

460.2553, 0.3161,
0.3540

■ 2.2931, 0.3194,
0.4939

■ 0.7700, 0.2898,
0.7102

■ 92.3316, 0.3181,
0.3726

■ 92.3316, 0.3181,
0.3726

■ 88.3638, 0.3210,
0.4026

■ 96.8215, 0.3149,
0.3452

■ 84.8904, 0.3234,
0.4346

100.0000, 0.3127,
0.3290

■ 81.8937, 0.3249,
0.4677

■ 79.3517, 0.3253,
0.5003

■ 77.2404, 0.3244,
0.5305

■ 75.5335, 0.3220,
0.5561

■ 74.2013, 0.3182,
0.5755

■ 73.2087, 0.3134,
0.5876

■ 72.9244, 0.3117,
0.5907

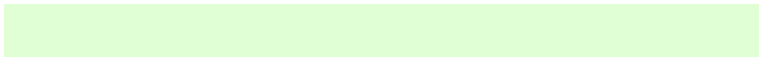
Harmonies

Analogous

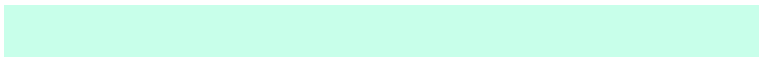
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3316, 0.3436, 0.3762



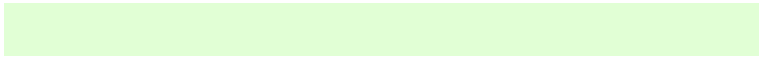
92.3316, 0.3181, 0.3726



92.3316, 0.2919, 0.3557

Triad

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



92.3316, 0.3181, 0.3726



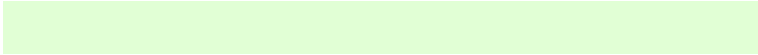
92.3316, 0.2660, 0.2905



92.3316, 0.3550, 0.3249

Complementary

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



92.3316, 0.3181, 0.3726



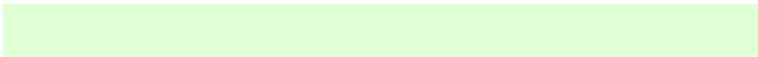
73.8923, 0.3062, 0.2870

Split Complementary

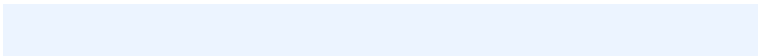
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3316, 0.3327, 0.3043



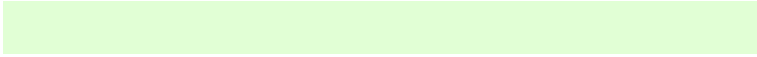
92.3316, 0.3181, 0.3726



92.3316, 0.2813, 0.2846

Square

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



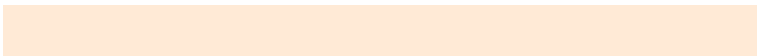
92.3316, 0.3181, 0.3726



92.3316, 0.2626, 0.3070



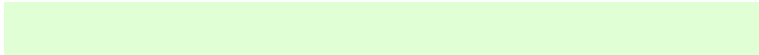
92.3316, 0.3055, 0.2898



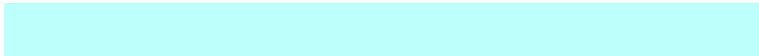
92.3316, 0.3656, 0.3474

Rectangle

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



92.3316, 0.3181, 0.3726



92.3316, 0.2775, 0.3396



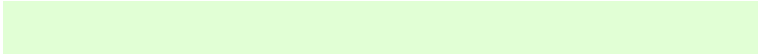
92.3316, 0.3055, 0.2898



92.3316, 0.3486, 0.3176

Sweetspot

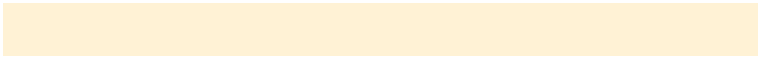
The Sweet Spot groups the original color and five complimentary colors.



92.3344, 0.3181, 0.3726



97.5178, 0.3144, 0.3414



89.8168, 0.3395, 0.3582



20.8005, 0.3146, 0.3433



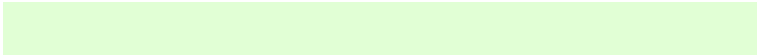
0.0000, 0.0000, 0.0000



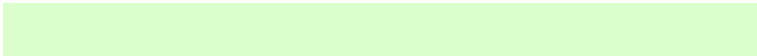
21.4041, 0.3127, 0.3290

Same Dimension

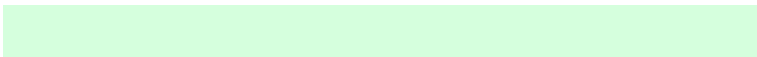
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3344, 0.3181, 0.3726



90.8681, 0.3192, 0.3830



90.9163, 0.3059, 0.3644



20.4188, 0.3159, 0.3533



38.1694, 0.3127, 0.5899



3.7689, 0.3208, 0.5835

Inverse Universe

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



73.8923, 0.3062, 0.2870



69.0120, 0.3045, 0.2775



75.5617, 0.3203, 0.2960



18.0250, 0.3092, 0.3052



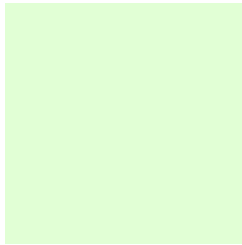
9.0684, 0.2497, 0.1149



0.9384, 0.2580, 0.1195

Previews

White Background



This preview shows how the Yxy color 92.3316, 0.3181, 0.3726 looks on a white background.

Color Contrast Check

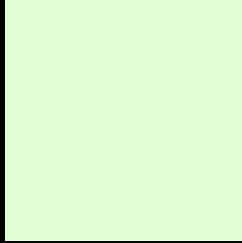
Large Text (above 18pt) WCAG AA × Fail

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 92.3316, 0.3181, 0.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

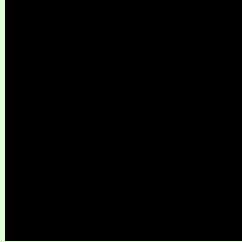
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

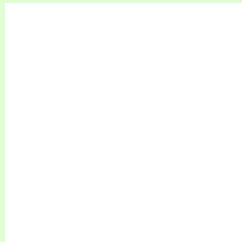
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3316, 0.3181, 0.3726

Background



This preview shows how black text looks on a background with the Yxy color 92.3316, 0.3181, 0.3726.

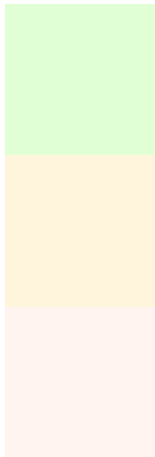


This preview shows how white text looks on a background with the Yxy color 92.3316, 0.3181, 0.3726.

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

92.3316, 0.3181, 0.3726

Protanopia

91.7321, 0.3347, 0.3537

Deuteranopia

92.1934, 0.3229, 0.3339

Tritanopia

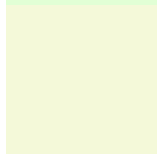
92.4423, 0.3043, 0.3211

Trichromacy



Original Color

92.3316, 0.3181, 0.3726



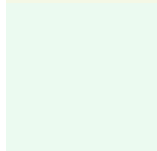
Protanomaly

91.9942, 0.3287, 0.3612



Deuteranomaly

92.0811, 0.3209, 0.3470



Tritanomaly

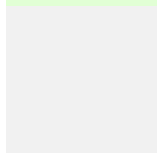
92.3247, 0.3091, 0.3390

Monochromacy



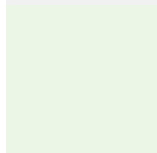
Original Color

92.3316, 0.3181, 0.3726



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3432, 0.3146, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3316, 0.3181, 0.3726 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, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 213)  
}
```

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, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 213) }
```

Border

The CSS property to change the border of an element to Yxy 92.3316, 0.3181, 0.3726 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, 255, 213) }
```

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

```
.border{ border-color:rgb(225, 255, 213) }
```

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

Here you see how a box with a 4 pixel rgb(225, 255, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3316, 0.3181, 0.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 213) }
```

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

```
.background{ background-color: rgb(225,  
255, 213) }
```

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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