

Converting Colors

$Yxy(92.8589, 0.3041, 0.3508)$

Have a look what the booklet for
Yxy(92.8589, 0.3041, 0.3508)
contains.

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Color

Yxy(92.8327, 0.3038, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	DDFFEA
RGB	221, 255, 234
RGB Percent	87%, 100%, 92%
CMY	0.1331, 0.0000, 0.0824
CMYK	0.13, 0.00, 0.08, 0.00
HSL	143°, 100%, 93%
HSV	143°, 13%, 100%
XYZ	80.4409, 92.8327, 91.5088
YIQ	242.4400, -13.5230, -13.7390

Conversions

Conversions Part 2

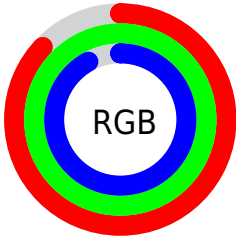
Format	Color
R _Y B	221, 246, 255
Decimal	14548970
CIE Lab	97.16, -14.81, 6.36
CIE LCh	97, 16.115, 156.745
Yxy	92.8327, 0.3038, 0.3506
Android (android.graphics.Color)	4292739050 (0xFFDDFFEA)
YUV	242.4400, -4.1609, -18.8029
Hunter-Lab	96.3497, -19.5852, 11.1337

Details

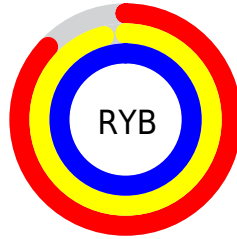
The Yxy color **92.8327, 0.3038, 0.3506** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.4167, 0.3228, 0.3083**, and the grayscale version is **89.2105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7095, 0.3022, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **88.2648, 0.2973, 0.3691**, and if you desaturate by 10%, it is **98.0972, 0.3105, 0.3341**.

Distribution



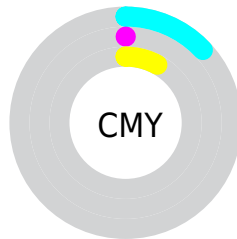
- Red (87%)
- Green (100%)
- Blue (92%)



- Red (87%)
- Yellow (96%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)




- Cyan (13%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8327, 0.3038, 0.3506 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 92.8327, 0.3038, 0.3506 by changing the saturation by 10% instead.


 92.8327, 0.3038,
0.3506

 92.8327, 0.3038,
0.3506


537.2031, 0.3078,
0.3409

 70.3325, 0.3029,
0.3528

151.2670, 0.3052,
0.3473

 51.7976, 0.3018,
0.3554


187.9698, 0.3057,
0.3460

 36.8438, 0.3004,
0.3587


230.1756, 0.3062,
0.3448

 25.0866, 0.2986,
0.3630

278.2688, 0.3066,
0.3438

 16.1416, 0.2963,
0.3687

332.6337, 0.3070,
0.3430

 9.6244, 0.2929,
0.3766

393.6548, 0.3073,

 5.1506, 0.2879,

0.3422

0.3885

461.7165, 0.3076,
0.3415

■ 2.3359, 0.2796,
0.4083

■ 0.7926, 0.2445,
0.4945

■ 92.8327, 0.3038,
0.3506

■ 92.8327, 0.3038,
0.3506

■ 88.2648, 0.2973,
0.3691

■ 98.0972, 0.3105,
0.3341

■ 84.3524, 0.2913,
0.3896

99.9957, 0.3127,
0.3290

■ 81.0676, 0.2860,
0.4118

■ 78.3764, 0.2817,
0.4354

■ 76.2409, 0.2789,
0.4598

■ 74.6191, 0.2779,
0.4842

■ 73.4623, 0.2787,
0.5075

■ 72.7120, 0.2813,
0.5288

■ 72.3815, 0.2838,
0.5417

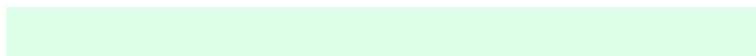
Harmonies

Analogous

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



92.8327, 0.3218, 0.3595



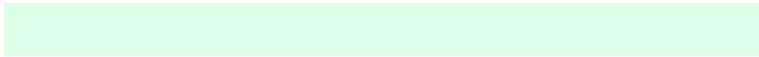
92.8327, 0.3038, 0.3506



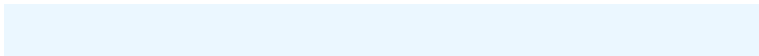
92.8327, 0.2885, 0.3355

Triad

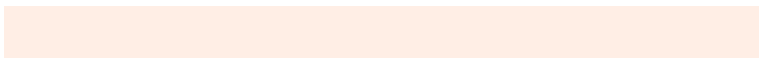
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.8327, 0.3038, 0.3506



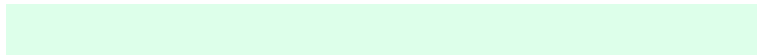
92.8327, 0.2878, 0.2993



92.8327, 0.3469, 0.3375

Complementary

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



92.8327, 0.3038, 0.3506



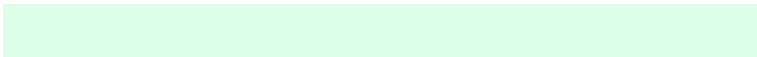
79.4167, 0.3228, 0.3083

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.



92.8327, 0.3373, 0.3221



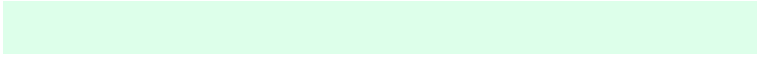
92.8327, 0.3038, 0.3506



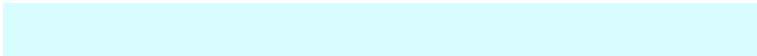
92.8327, 0.3029, 0.3005

Square

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



92.8327, 0.3038, 0.3506



92.8327, 0.2795, 0.3058



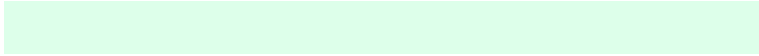
92.8327, 0.3210, 0.3088



92.8327, 0.3470, 0.3512

Rectangle

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



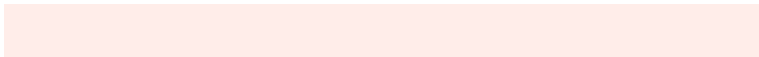
92.8327, 0.3038, 0.3506



92.8327, 0.2817, 0.3243



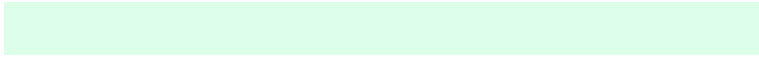
92.8327, 0.3210, 0.3088



92.8327, 0.3447, 0.3323

Sweetspot

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



92.8366, 0.3038, 0.3506



97.7165, 0.3100, 0.3351



95.7140, 0.3246, 0.3629



20.8262, 0.3095, 0.3363



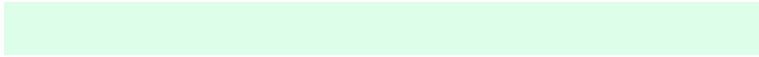
0.0000, 0.0000, 0.0000



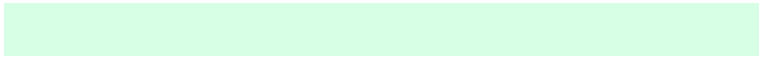
21.4041, 0.3127, 0.3290

Same Dimension

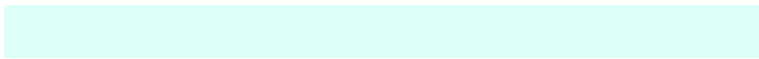
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8366, 0.3038, 0.3506



91.5450, 0.3020, 0.3554



93.8285, 0.2948, 0.3335



20.2827, 0.3063, 0.3441



37.8499, 0.2830, 0.5386



3.7058, 0.2766, 0.5159

Inverse Universe

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



79.4167, 0.3228, 0.3083



75.7134, 0.3252, 0.3040



78.4701, 0.3341, 0.3245



18.1762, 0.3197, 0.3144



12.4261, 0.4467, 0.2234



1.2312, 0.4284, 0.2134

Previews

White Background



This preview shows how the Yxy color 92.8327, 0.3038, 0.3506 looks on a white background.

Color Contrast Check

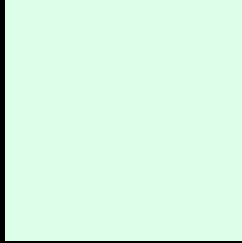
Large Text (above 18pt) WCAG AA × Fail

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 92.8327, 0.3038, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

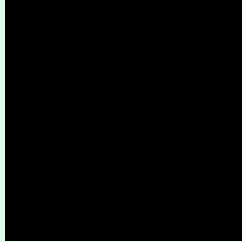
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

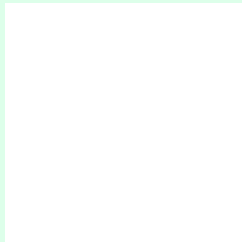
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.8327, 0.3038, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 92.8327, 0.3038, 0.3506.

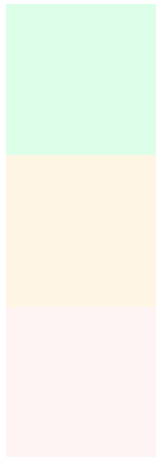


This preview shows how white text looks on a background with the Yxy color 92.8327, 0.3038, 0.3506.

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

92.8327, 0.3038, 0.3506

Protanopia

92.2220, 0.3290, 0.3447

Deuteranopia

92.4930, 0.3199, 0.3290



Tritanopia

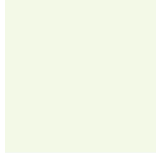
92.8801, 0.3036, 0.3221

Trichromacy



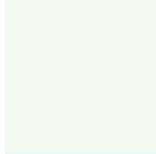
Original Color

92.8327, 0.3038, 0.3506



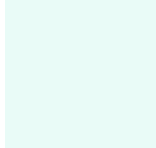
Protanomaly

92.5756, 0.3196, 0.3470



Deuteranomaly

92.4808, 0.3143, 0.3369



Tritanomaly

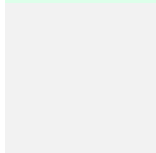
93.0334, 0.3038, 0.3330

Monochromacy



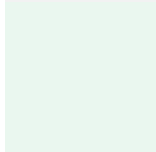
Original Color

92.8327, 0.3038, 0.3506



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.2459, 0.3092, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8327, 0.3038, 0.3506 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(221, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 234)  
}
```

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(221, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 234) }
```

Border

The CSS property to change the border of an element to Yxy 92.8327, 0.3038, 0.3506 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(221, 255, 234) }
```

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

```
.border{ border-color:rgb(221, 255, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8327, 0.3038, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 234) }
```

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

```
.background{ background-color: rgb(221,  
255, 234) }
```

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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