

Converting Colors

$Yxy(90.7693, 0.3285, 0.3964)$

Have a look what the booklet for
Yxy(90.7693, 0.3285, 0.3964)
contains.

Yxy(90.8112, 0.3288, 0.3966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(90.8112, 0.3288, 0.3966)

Conversions

Conversions Part 1

Format	Color
Hex	DEFFBF
RGB	222, 255, 191
RGB Percent	87%, 100%, 75%
CMY	0.1295, 0.0000, 0.2508
CMYK	0.13, 0.00, 0.25, 0.00
HSL	91°, 100%, 87%
HSV	91°, 25%, 100%
XYZ	75.2867, 90.8112, 62.8763
YIQ	237.8370, 0.8760, -26.9000

Conversions

Conversions Part 2

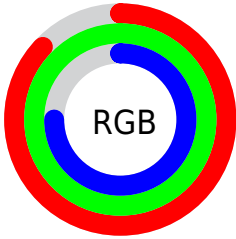
Format	Color
RYB	191, 255, 224
Decimal	14614463
CIELab	96.33, -21.56, 27.13
CIELCh	96, 34.655, 128.482
Yxy	90.8112, 0.3288, 0.3966
Android (android.graphics.Color)	4292804543 (0xFFDEFFBF)
YUV	237.8370, -23.0906, -13.8890
Hunter-Lab	95.2949, -25.7440, 27.5864

Details

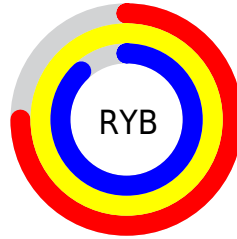
The Yxy color **90.8112, 0.3288, 0.3966** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.3606, 0.2926, 0.2618**, and the grayscale version is **85.5468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **50.3013, 0.3315, 0.4124** is the 20% darker color. If you saturate the color by 10%, you get **87.7842, 0.3345, 0.4265**, and if you desaturate by 10%, it is **94.1930, 0.3225, 0.3681**.

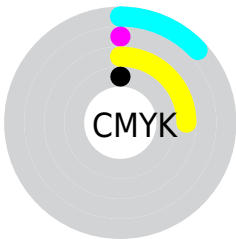
Distribution



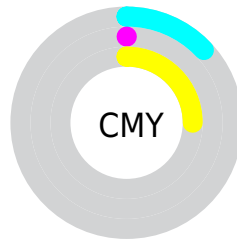
- Red (87%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (88%)



- Cyan (13%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.8112, 0.3288, 0.3966 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 90.8112, 0.3288, 0.3966 by changing the saturation by 10% instead.

 90.8112, 0.3288,
0.3966

 90.8112, 0.3288,
0.3966

530.6661, 0.3223,
0.3655

 68.6536, 0.3301,
0.4036


 148.4647, 0.3267,
0.3859

 50.4297, 0.3315,
0.4122


184.7294, 0.3259,
0.3817

 35.7549, 0.3332,
0.4230


226.4653, 0.3251,
0.3781

 24.2450, 0.3350,
0.4370

274.0567, 0.3244,
0.3749

 15.5155, 0.3370,
0.4557

327.8881, 0.3238,
0.3722

 9.1819, 0.3388,
0.4818

388.3439, 0.3232,

 4.8600, 0.3391,

0.3697

0.5203

455.8085, 0.3227,
0.3675

2.1654, 0.3571,
0.6222

0.7010, 0.1663,
0.8337

90.8112, 0.3288,
0.3966

90.8112, 0.3288,
0.3966

87.7842, 0.3345,
0.4265

94.1930, 0.3225,
0.3681

85.1027, 0.3393,
0.4571

97.9471, 0.3160,
0.3416

82.7505, 0.3426,
0.4869

100.0000, 0.3127,
0.3290

80.7112, 0.3441,
0.5144

■ 78.9670, 0.3435,
0.5381

■ 77.4975, 0.3407,
0.5566

■ 76.2784, 0.3359,
0.5692

■ 75.7552, 0.3331,
0.5738

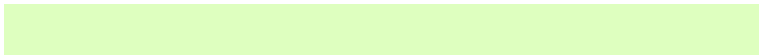
Harmonies

Analogous

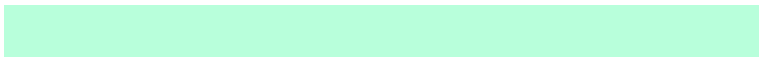
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8112, 0.3642, 0.3956



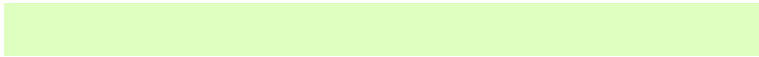
90.8112, 0.3288, 0.3966



90.8112, 0.2905, 0.3758

Triad

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



90.8112, 0.3288, 0.3966



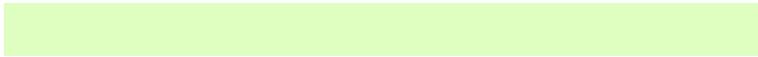
90.8112, 0.2434, 0.2773



90.8112, 0.3679, 0.3153

Complementary

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



90.8112, 0.3288, 0.3966



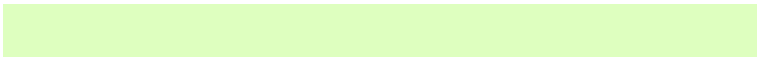
60.3606, 0.2926, 0.2618

Split Complementary

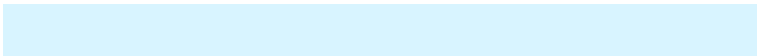
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.8112, 0.3323, 0.2881



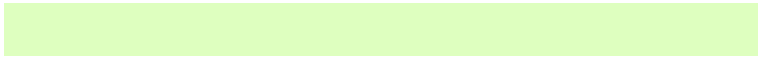
90.8112, 0.3288, 0.3966



90.8112, 0.2611, 0.2662

Square

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



90.8112, 0.3288, 0.3966



90.8112, 0.2427, 0.3036



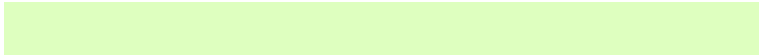
90.8112, 0.2930, 0.2705



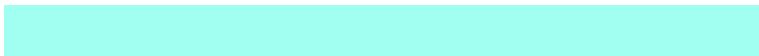
90.8112, 0.3882, 0.3468

Rectangle

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



90.8112, 0.3288, 0.3966



90.8112, 0.2684, 0.3528



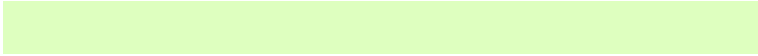
90.8112, 0.2930, 0.2705



90.8112, 0.3572, 0.3055

Sweetspot

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



90.8096, 0.3288, 0.3966



96.8117, 0.3179, 0.3491



77.8116, 0.3581, 0.3617



20.5992, 0.3189, 0.3530



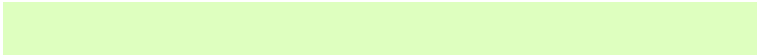
0.0000, 0.0000, 0.0000



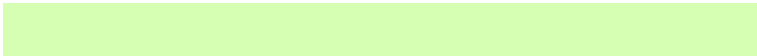
21.4041, 0.3127, 0.3290

Same Dimension

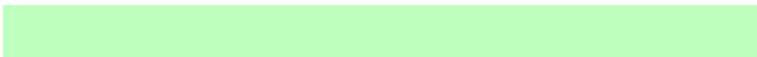
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.8096, 0.3288, 0.3966



89.2771, 0.3317, 0.4112



86.3661, 0.3093, 0.4008



20.5992, 0.3189, 0.3530



39.6717, 0.3342, 0.5728



3.9274, 0.3429, 0.5660

Inverse Universe

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



60.3606, 0.2926, 0.2618



54.1658, 0.2877, 0.2475



65.7621, 0.3157, 0.2664



17.8390, 0.3060, 0.3050



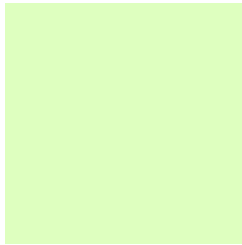
6.4114, 0.2053, 0.0905



0.6893, 0.2174, 0.0971

Previews

White Background



This preview shows how the Yxy color 90.8112, 0.3288, 0.3966 looks on a white background.

Color Contrast Check

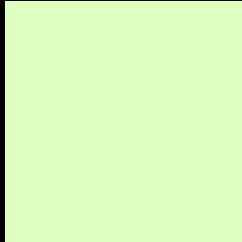
Large Text (above 18pt) WCAG AA × Fail

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 90.8112, 0.3288, 0.3966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

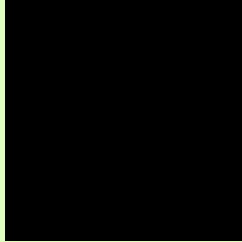
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

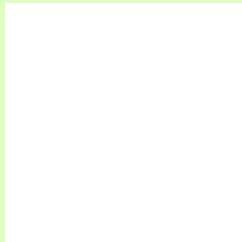
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.8112, 0.3288, 0.3966

Background



This preview shows how black text looks on a background with the Yxy color 90.8112, 0.3288, 0.3966.

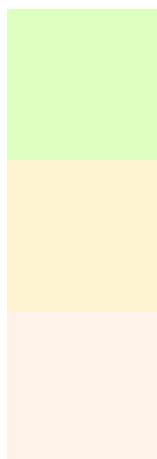


This preview shows how white text looks on a background with the Yxy color 90.8112, 0.3288, 0.3966.

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

90.8112, 0.3288, 0.3966

Protanopia

90.5648, 0.3418, 0.3637

Deuteranopia

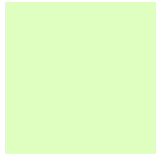
90.6475, 0.3269, 0.3378



Tritanopia

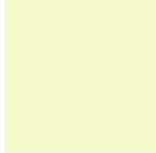
90.7020, 0.3024, 0.3191

Trichromacy



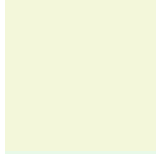
Original Color

90.8112, 0.3288, 0.3966



Protanomaly

90.4538, 0.3373, 0.3758



Deuteranomaly

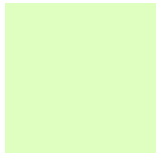
90.6382, 0.3276, 0.3583



Tritanomaly

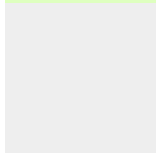
90.7334, 0.3119, 0.3463

Monochromacy



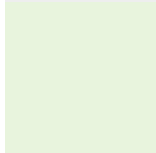
Original Color

90.8112, 0.3288, 0.3966



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.0776, 0.3188, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.8112, 0.3288, 0.3966 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(222, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(222, 255, 191)  
}
```

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(222, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 191) }
```

Border

The CSS property to change the border of an element to Yxy 90.8112, 0.3288, 0.3966 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(222, 255, 191) }
```

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

```
.border{ border-color:rgb(222, 255, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 255, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 255, 191); box-shadow:4px 4px 4px 4px rgb(222, 255, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 90.8112, 0.3288, 0.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 255, 191) }
```

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

```
.background{ background-color: rgb(222,  
255, 191) }
```

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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