

Converting Colors

$Yxy(91.8049, 0.3064, 0.3526)$

Have a look what the booklet for
Yxy(91.8049, 0.3064, 0.3526)
contains.

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Color

Yxy(91.5497, 0.3061, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	DEFDE7
RGB	222, 253, 231
RGB Percent	87%, 99%, 91%
CMY	0.1293, 0.0078, 0.0941
CMYK	0.12, 0.00, 0.09, 0.01
HSL	137°, 89%, 93%
HSV	137°, 12%, 99%
XYZ	79.6797, 91.5497, 89.0768
YIQ	241.2230, -11.4140, -13.4140

Conversions

Conversions Part 2

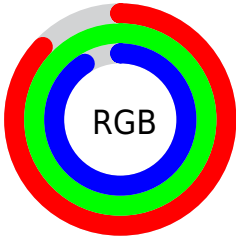
Format	Color
RYB	222, 246, 253
Decimal	14613991
CIELab	96.64, -14.05, 7.15
CIELCh	97, 15.759, 153.031
Yxy	91.5497, 0.3061, 0.3517
Android (android.graphics.Color)	4292804071 (0xFFDEFDE7)
YUV	241.2230, -5.0399, -16.8586
Hunter-Lab	95.6816, -18.7953, 11.7799

Details

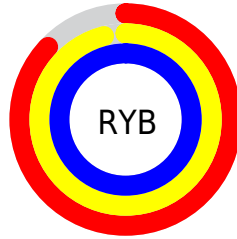
The Yxy color **91.5497, 0.3061, 0.3517** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.6722, 0.3200, 0.3073**, and the grayscale version is **88.2010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7905, 0.3051, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **86.8896, 0.3008, 0.3729**, and if you desaturate by 10%, it is **96.9212, 0.3115, 0.3329**.

Distribution



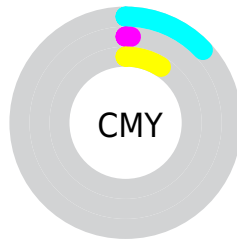
- Red (87%)
- Green (99%)
- Blue (91%)



- Red (87%)
- Yellow (96%)
- Blue (99%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (1%)




- Cyan (13%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.5497, 0.3061, 0.3517 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 91.5497, 0.3061, 0.3517 by changing the saturation by 10% instead.

 91.5497, 0.3061,
0.3517

 91.5497, 0.3061,
0.3517


533.0592, 0.3091,
0.3414

 69.2667, 0.3054,
0.3540


149.4891, 0.3071,
0.3482

 50.9289, 0.3046,
0.3568

185.9143, 0.3076,
0.3468

 36.1520, 0.3035,
0.3603


227.8224, 0.3079,
0.3456

 24.5516, 0.3021,
0.3648

275.5977, 0.3082,
0.3446

 15.7433, 0.3003,
0.3709

329.6246, 0.3085,
0.3437

 9.3427, 0.2977,
0.3794

390.2876, 0.3087,

 4.9654, 0.2936,

0.3428

0.3922

457.9710, 0.3089,
0.3421

■ 2.2270, 0.2867,
0.4136

■ 0.7346, 0.2556,
0.5284

■ 91.5497, 0.3061,
0.3517

■ 91.5497, 0.3061,
0.3517

■ 86.8896, 0.3008,
0.3729

■ 96.9212, 0.3115,
0.3329

■ 82.8995, 0.2958,
0.3963

■ 98.7297, 0.3128,
0.3271

■ 79.5514, 0.2913,
0.4218

■ 76.8107, 0.2878,
0.4487

■ 74.6397, 0.2854,
0.4764

■ 72.9960, 0.2846,
0.5035

■ 71.8313, 0.2854,
0.5287

■ 71.0876, 0.2877,
0.5508

■ 70.7356, 0.2903,
0.5651

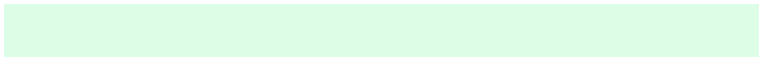
Harmonies

Analogous

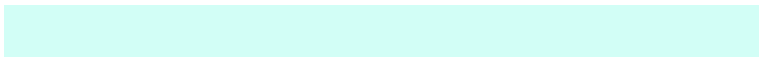
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5497, 0.3238, 0.3594



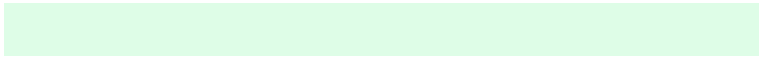
91.5497, 0.3061, 0.3517



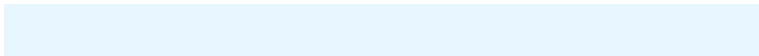
91.5497, 0.2905, 0.3374

Triad

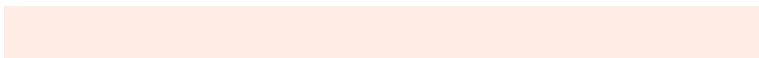
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.5497, 0.3061, 0.3517



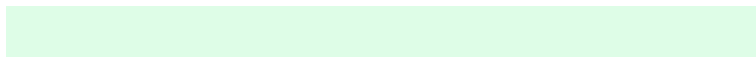
91.5497, 0.2868, 0.3002



91.5497, 0.3456, 0.3355

Complementary

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



91.5497, 0.3061, 0.3517



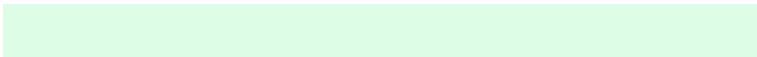
79.6722, 0.3200, 0.3073

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.



91.5497, 0.3351, 0.3204



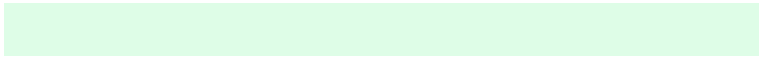
91.5497, 0.3061, 0.3517



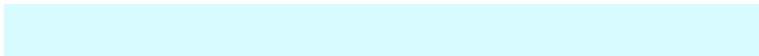
91.5497, 0.3010, 0.3005

Square

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



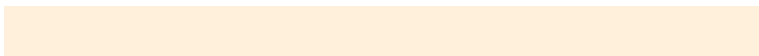
91.5497, 0.3061, 0.3517



91.5497, 0.2796, 0.3075



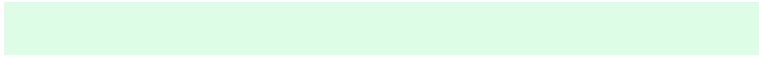
91.5497, 0.3187, 0.3078



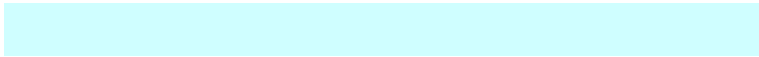
91.5497, 0.3469, 0.3494

Rectangle

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



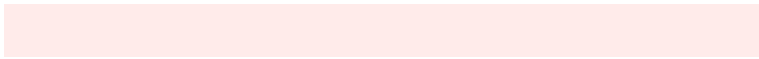
91.5497, 0.3061, 0.3517



91.5497, 0.2833, 0.3264



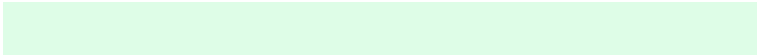
91.5497, 0.3187, 0.3078



91.5497, 0.3430, 0.3304

Sweetspot

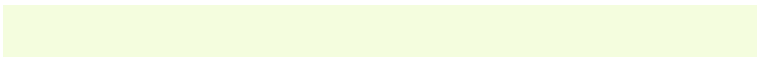
The Sweet Spot groups the original color and five complimentary colors.



91.5536, 0.3061, 0.3517



97.6588, 0.3106, 0.3360



94.7982, 0.3254, 0.3599



20.8116, 0.3101, 0.3374



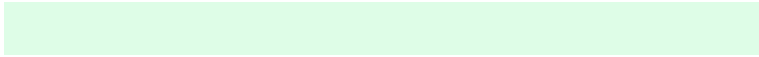
0.0000, 0.0000, 0.0000



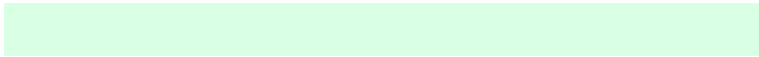
21.4041, 0.3127, 0.3290

Same Dimension

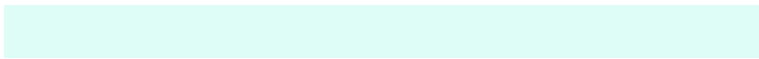
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.5536, 0.3061, 0.3517



91.8260, 0.3046, 0.3573



92.4552, 0.2976, 0.3358



20.2548, 0.3076, 0.3463



37.6510, 0.2895, 0.5623



3.6839, 0.2834, 0.5403

Inverse Universe

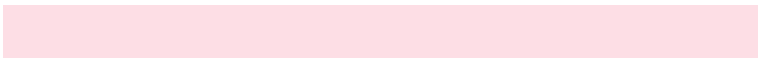
The Inverse Universe completely reimagines the original color for something new.



79.6722, 0.3200, 0.3073



77.2831, 0.3219, 0.3023



78.7819, 0.3304, 0.3223



18.2053, 0.3183, 0.3123



12.8806, 0.4111, 0.2038



1.2731, 0.3983, 0.1968

Previews

White Background



This preview shows how the Yxy color 91.5497, 0.3061, 0.3517 looks on a white background.

Color Contrast Check

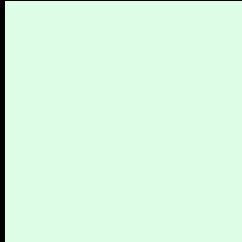
Large Text (above 18pt) WCAG AA × Fail

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 91.5497, 0.3061, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

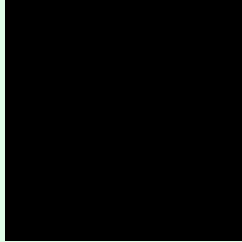
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

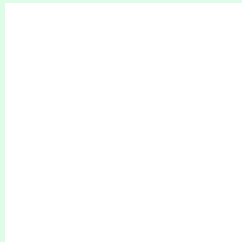
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.5497, 0.3061, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 91.5497, 0.3061, 0.3517.

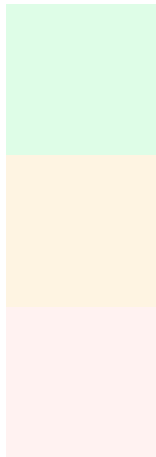


This preview shows how white text looks on a background with the Yxy color 91.5497, 0.3061, 0.3517.

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

91.5497, 0.3061, 0.3517

Protanopia

91.2632, 0.3304, 0.3467

Deuteranopia

91.1151, 0.3219, 0.3300



Tritanopia

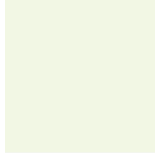
91.3087, 0.3024, 0.3201

Trichromacy



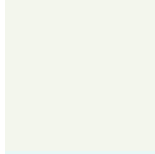
Original Color

91.5497, 0.3061, 0.3517



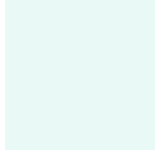
Protanomaly

91.0002, 0.3209, 0.3481



Deuteranomaly

91.0806, 0.3162, 0.3380



Tritanomaly

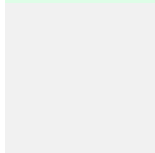
91.5610, 0.3038, 0.3320

Monochromacy



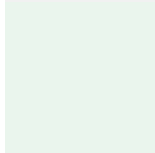
Original Color

91.5497, 0.3061, 0.3517



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

88.9117, 0.3104, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5497, 0.3061, 0.3517 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, 253, 231)` looks like.

```
.text, #text, p{  
    color:rgb(222, 253, 231)  
}
```

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, 253, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 253, 231) }
```

Border

The CSS property to change the border of an element to Yxy 91.5497, 0.3061, 0.3517 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, 253, 231) }
```

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

```
.border{ border-color:rgb(222, 253, 231) }
```

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

Here you see how a box with a 4 pixel rgb(222, 253, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 253, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 253, 231);  
box-shadow:4px 4px 4px 4px rgb(222, 253,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5497, 0.3061, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 253, 231) }
```

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

```
.background{ background-color: rgb(222,  
253, 231) }
```

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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