

Converting Colors

$Yxy(91.2207, 0.3053, 0.3617)$

Have a look what the booklet for
Yxy(91.2207, 0.3053, 0.3617)
contains.

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Color

Yxy(91.1980, 0.3051, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	D6FFE0
RGB	214, 255, 224
RGB Percent	84%, 100%, 88%
CMY	0.1607, 0.0000, 0.1216
CMYK	0.16, 0.00, 0.12, 0.00
HSL	135°, 100%, 92%
HSV	135°, 16%, 100%
XYZ	76.9483, 91.1980, 84.0605
YIQ	239.2070, -14.4850, -18.3330

Conversions

Conversions Part 2

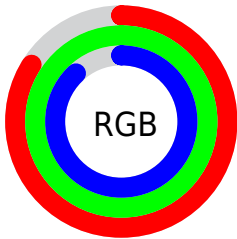
Format	Color
RYB	214, 247, 255
Decimal	14090208
CIELab	96.49, -18.87, 10.48
CIELCh	96, 21.586, 150.963
Yxy	91.1980, 0.3051, 0.3616
Android (android.graphics.Color)	4292280288 (0xFFD6FFE0)
YUV	239.2070, -7.4971, -22.1065
Hunter-Lab	95.4976, -23.2925, 14.6591

Details

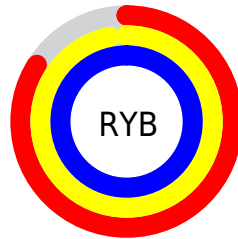
The Yxy color **91.1980, 0.3051, 0.3616** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.9561, 0.3213, 0.2985**, and the grayscale version is **86.5568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6237, 0.3032, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **86.6703, 0.3005, 0.3852**, and if you desaturate by 10%, it is **96.4492, 0.3098, 0.3406**.

Distribution



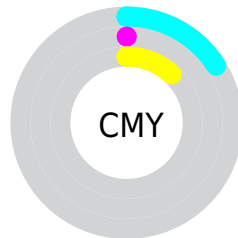
- Red (84%)
- Green (100%)
- Blue (88%)



- Red (84%)
- Yellow (97%)
- Blue (100%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.1980, 0.3051, 0.3616 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 91.1980, 0.3051, 0.3616 by changing the saturation by 10% instead.


 91.1980, 0.3051,
0.3616

 91.1980, 0.3051,
0.3616


531.9202, 0.3087,
0.3468

 68.9747, 0.3043,
0.3649


149.0014, 0.3063,
0.3565

 50.6911, 0.3033,
0.3690

185.3502, 0.3068,
0.3545

 35.9628, 0.3020,
0.3742


227.1763, 0.3072,
0.3528

 24.4055, 0.3003,
0.3808

274.8641, 0.3076,
0.3513

 15.6347, 0.2979,
0.3898

328.7980, 0.3079,
0.3499

 9.2660, 0.2946,
0.4025

389.3624, 0.3082,

 4.9151, 0.2893,

0.3488

0.4217

456.9417, 0.3084,
0.3477

■ 2.1975, 0.2798,
0.4544

■ 0.7187, 0.2244,
0.7252

■ 91.1980, 0.3051,
0.3616

■ 91.1980, 0.3051,
0.3616

■ 86.6703, 0.3005,
0.3852

■ 96.4492, 0.3098,
0.3406

■ 82.8282, 0.2962,
0.4111

100.0000, 0.3127,
0.3290

■ 79.6393, 0.2925,
0.4390

■ 77.0666, 0.2897,
0.4681

■ 75.0690, 0.2881,
0.4970

■ 73.6002, 0.2879,
0.5245

■ 72.6066, 0.2893,
0.5488

■ 72.0223, 0.2919,
0.5685

■ 71.8684, 0.2930,
0.5749

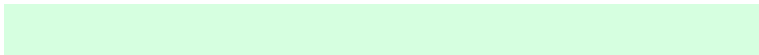
Harmonies

Analogous

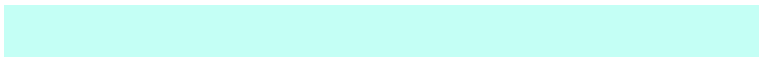
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1980, 0.3293, 0.3714



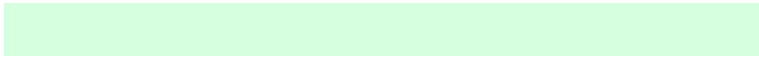
91.1980, 0.3051, 0.3616



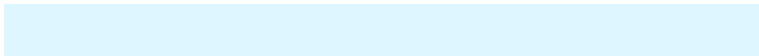
91.1980, 0.2835, 0.3420

Triad

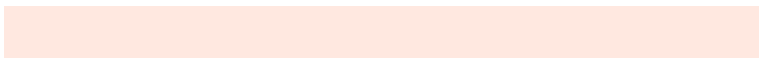
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.1980, 0.3051, 0.3616



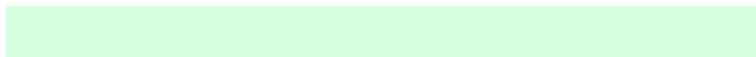
91.1980, 0.2764, 0.2901



91.1980, 0.3574, 0.3360

Complementary

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



91.1980, 0.3051, 0.3616



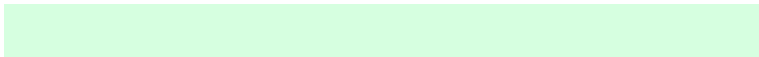
75.9561, 0.3213, 0.2985

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.



91.1980, 0.3421, 0.3159



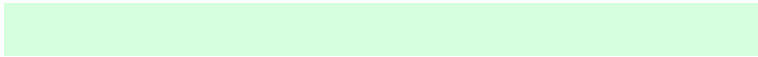
91.1980, 0.3051, 0.3616



91.1980, 0.2950, 0.2900

Square

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



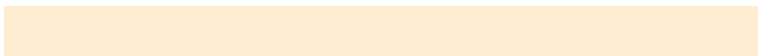
91.1980, 0.3051, 0.3616



91.1980, 0.2674, 0.3004



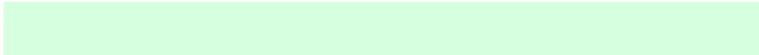
91.1980, 0.3190, 0.2993



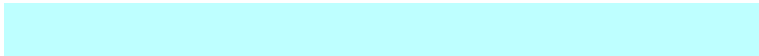
91.1980, 0.3601, 0.3553

Rectangle

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



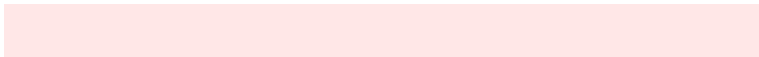
91.1980, 0.3051, 0.3616



91.1980, 0.2734, 0.3267



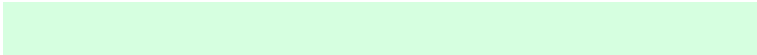
91.1980, 0.3190, 0.2993



91.1980, 0.3535, 0.3292

Sweetspot

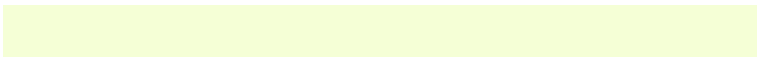
The Sweet Spot groups the original color and five complimentary colors.



91.2001, 0.3051, 0.3616



97.0557, 0.3104, 0.3384



95.8672, 0.3307, 0.3699



20.6886, 0.3100, 0.3398



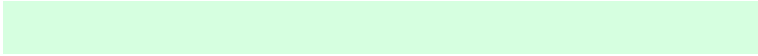
0.0000, 0.0000, 0.0000



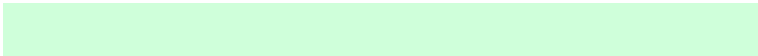
21.4041, 0.3127, 0.3290

Same Dimension

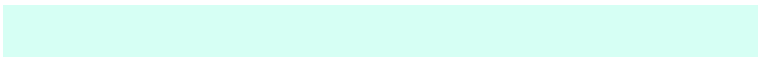
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2001, 0.3051, 0.3616



89.8005, 0.3037, 0.3682



92.3547, 0.2941, 0.3402



20.2406, 0.3082, 0.3475



37.5723, 0.2923, 0.5724



3.6746, 0.2865, 0.5514

Inverse Universe

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



75.9561, 0.3213, 0.2985



72.1516, 0.3231, 0.2927



74.7952, 0.3354, 0.3181



18.2203, 0.3175, 0.3112



13.1441, 0.3941, 0.1945



1.2970, 0.3840, 0.1889

Previews

White Background



This preview shows how the Yxy color 91.1980, 0.3051, 0.3616 looks on a white background.

Color Contrast Check

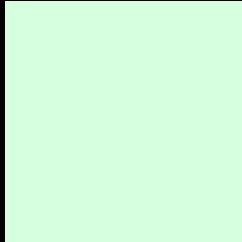
Large Text (above 18pt) WCAG AA × Fail

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 91.1980, 0.3051, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

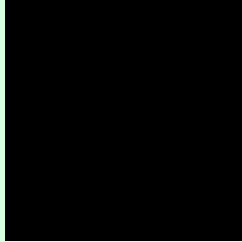
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

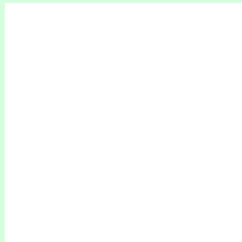
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1980, 0.3051, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 91.1980, 0.3051, 0.3616.

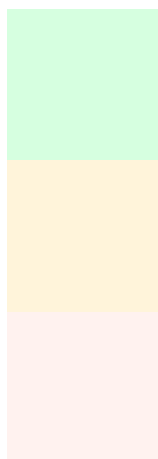


This preview shows how white text looks on a background with the Yxy color 91.1980, 0.3051, 0.3616.

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

91.1980, 0.3051, 0.3616

Protanopia

91.0233, 0.3361, 0.3547

Deuteranopia

90.9963, 0.3231, 0.3320



Tritanopia

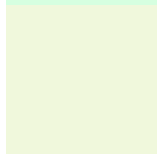
90.7937, 0.3006, 0.3200

Trichromacy



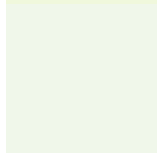
Original Color

91.1980, 0.3051, 0.3616



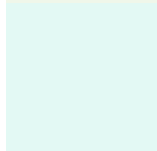
Protanomaly

90.8274, 0.3243, 0.3574



Deuteranomaly

90.9873, 0.3160, 0.3420



Tritanomaly

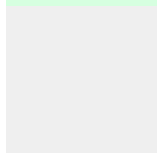
90.6139, 0.3019, 0.3340

Monochromacy



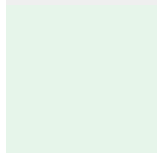
Original Color

91.1980, 0.3051, 0.3616



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0683, 0.3096, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1980, 0.3051, 0.3616 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(214, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 224)  
}
```

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(214, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 224) }
```

Border

The CSS property to change the border of an element to Yxy 91.1980, 0.3051, 0.3616 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(214, 255, 224) }
```

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

```
.border{ border-color:rgb(214, 255, 224) }
```

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

Here you see how a box with a 4 pixel rgb(214, 255, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1980, 0.3051, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 224) }
```

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

```
.background{ background-color: rgb(214,  
255, 224) }
```

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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