

Converting Colors

$Yxy(90.1305, 0.3296, 0.4023)$

Have a look what the booklet for
Yxy(90.1305, 0.3296, 0.4023)
contains.

Yxy(90.1252, 0.3297, 0.4025)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(90.1252, 0.3297, 0.4025)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFBA
RGB	219, 255, 186
RGB Percent	86%, 100%, 73%
CMY	0.1414, 0.0000, 0.2705
CMYK	0.14, 0.00, 0.27, 0.00
HSL	91°, 100%, 86%
HSV	91°, 27%, 100%
XYZ	73.8243, 90.1252, 59.9640
YIQ	236.3700, 0.6930, -29.0910

Conversions

Conversions Part 2

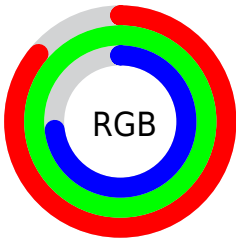
Format	Color
RYB	186, 255, 222
Decimal	14417850
CIELab	96.05, -23.36, 29.25
CIELCh	96, 37.433, 128.608
Yxy	90.1252, 0.3297, 0.4025
Android (android.graphics.Color)	4292607930 (0xFFDBFFBA)
YUV	236.3700, -24.8324, -15.2335
Hunter-Lab	94.9343, -27.3270, 29.0042

Details

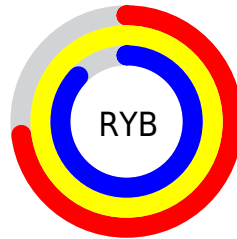
The Yxy color **90.1252, 0.3297, 0.4025** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.8826, 0.2910, 0.2562**, and the grayscale version is **84.3592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **49.8406, 0.3325, 0.4200** is the 20% darker color. If you saturate the color by 10%, you get **87.1430, 0.3351, 0.4327**, and if you desaturate by 10%, it is **93.4500, 0.3236, 0.3736**.

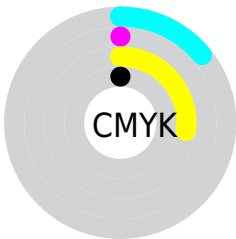
Distribution



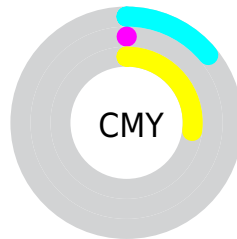
- Red (86%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.1252, 0.3297, 0.4025 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 90.1252, 0.3297, 0.4025 by changing the saturation by 10% instead.

 90.1252, 0.3297,
0.4025

 90.1252, 0.3297,
0.4025

528.4380, 0.3229,
0.3686

 68.0845, 0.3310,
0.4102


 147.5123, 0.3276,
0.3908

 49.9665, 0.3324,
0.4196

183.6275, 0.3267,
0.3862

 35.3868, 0.3341,
0.4315


225.2029, 0.3259,
0.3823

 23.9610, 0.3359,
0.4468

272.6230, 0.3251,
0.3788

 15.3047, 0.3376,
0.4672

326.2722, 0.3245,
0.3758

 9.0335, 0.3389,
0.4958

386.5348, 0.3239,

 4.7630, 0.3379,

0.3731

0.5378

453.7953, 0.3234,
0.3707

■ 2.1089, 0.3529,
0.6471

■ 0.6696, 0.0900,
0.9100

■ 90.1252, 0.3297,
0.4025

■ 90.1252, 0.3297,
0.4025

■ 87.1430, 0.3351,
0.4327

■ 93.4500, 0.3236,
0.3736

■ 84.5138, 0.3396,
0.4633

■ 97.1553, 0.3172,
0.3467

■ 82.2143, 0.3425,
0.4928

100.0000, 0.3127,
0.3290

■ 80.2278, 0.3435,
0.5199

■ 78.5358, 0.3424,
0.5428

■ 77.1171, 0.3391,
0.5602

■ 75.9457, 0.3339,
0.5717

■ 75.6377, 0.3322,
0.5744

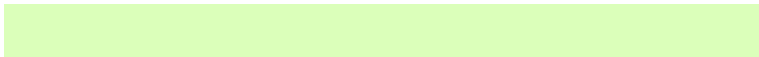
Harmonies

Analogous

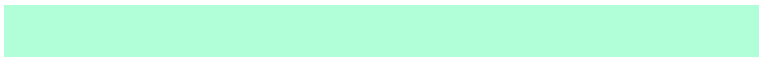
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1252, 0.3681, 0.4011



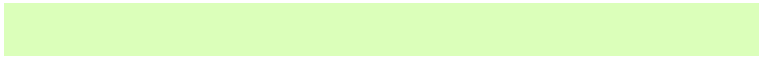
90.1252, 0.3297, 0.4025



90.1252, 0.2883, 0.3798

Triad

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



90.1252, 0.3297, 0.4025



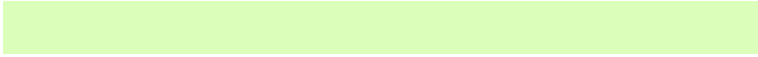
90.1252, 0.2381, 0.2730



90.1252, 0.3727, 0.3142

Complementary

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



90.1252, 0.3297, 0.4025



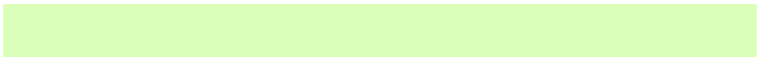
57.8826, 0.2910, 0.2562

Split Complementary

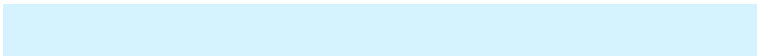
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1252, 0.3340, 0.2851



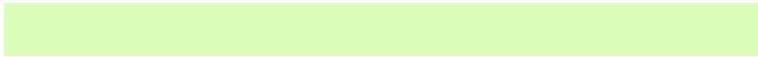
90.1252, 0.3297, 0.4025



90.1252, 0.2572, 0.2614

Square

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



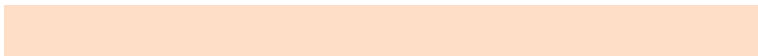
90.1252, 0.3297, 0.4025



90.1252, 0.2373, 0.3011



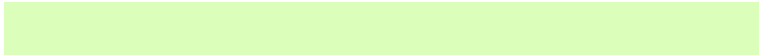
90.1252, 0.2915, 0.2662



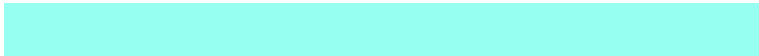
90.1252, 0.3946, 0.3480

Rectangle

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



90.1252, 0.3297, 0.4025



90.1252, 0.2646, 0.3546



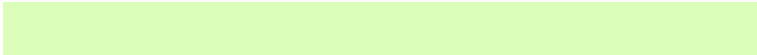
90.1252, 0.2915, 0.2662



90.1252, 0.3610, 0.3037

Sweetspot

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



90.1170, 0.3297, 0.4025



96.7887, 0.3179, 0.3491



76.8652, 0.3621, 0.3655



20.5934, 0.3188, 0.3531



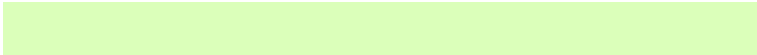
0.0000, 0.0000, 0.0000



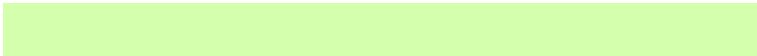
21.4041, 0.3127, 0.3290

Same Dimension

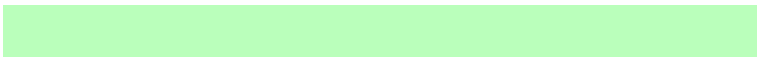
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1170, 0.3297, 0.4025



88.6022, 0.3325, 0.4173



85.5552, 0.3084, 0.4060



20.5934, 0.3188, 0.3531



39.6099, 0.3334, 0.5735



3.9212, 0.3421, 0.5666

Inverse Universe

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



57.8826, 0.2910, 0.2562



51.8669, 0.2861, 0.2416



63.5285, 0.3167, 0.2625



17.8448, 0.3061, 0.3050



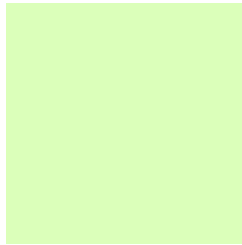
6.4793, 0.2066, 0.0912



0.6959, 0.2186, 0.0978

Previews

White Background



This preview shows how the Yxy color 90.1252, 0.3297, 0.4025 looks on a white background.

Color Contrast Check

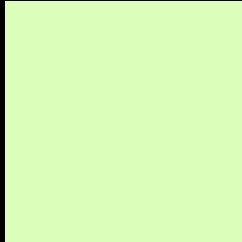
Large Text (above 18pt) WCAG AA × Fail

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 90.1252, 0.3297, 0.4025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

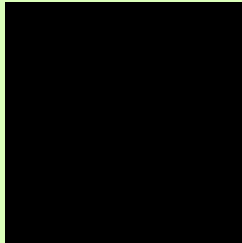
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

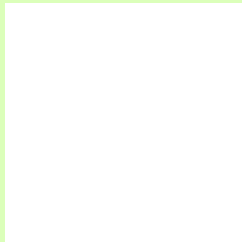
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.1252, 0.3297, 0.4025

Background



This preview shows how black text looks on a background with the Yxy color 90.1252, 0.3297, 0.4025.

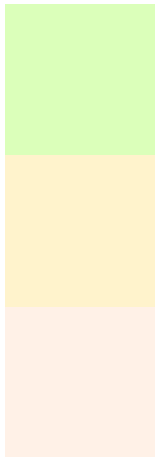


This preview shows how white text looks on a background with the Yxy color 90.1252, 0.3297, 0.4025.

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

90.1252, 0.3297, 0.4025

Protanopia

89.7208, 0.3452, 0.3678

Deuteranopia

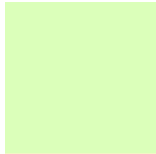
89.9401, 0.3282, 0.3388



Tritanopia

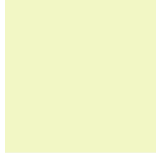
89.7542, 0.3012, 0.3181

Trichromacy



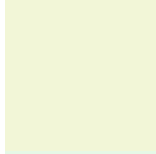
Original Color

90.1252, 0.3297, 0.4025



Protanomaly

89.4300, 0.3399, 0.3801



Deuteranomaly

89.6951, 0.3289, 0.3605



Tritanomaly

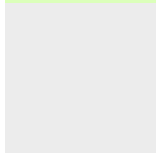
89.6710, 0.3119, 0.3474

Monochromacy



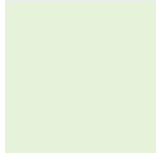
Original Color

90.1252, 0.3297, 0.4025



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.9861, 0.3193, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.1252, 0.3297, 0.4025 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(219, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 186)  
}
```

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(219, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 186) }
```

Border

The CSS property to change the border of an element to Yxy 90.1252, 0.3297, 0.4025 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(219, 255, 186) }
```

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

```
.border{ border-color:rgb(219, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 255, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 255, 186); box-shadow:4px 4px 4px 4px rgb(219, 255, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 90.1252, 0.3297, 0.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 186) }
```

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

```
.background{ background-color: rgb(219,  
255, 186) }
```

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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