

Converting Colors

$Yxy(90.1696, 0.3279, 0.3996)$

Have a look what the booklet for
Yxy(90.1696, 0.3279, 0.3996)
contains.

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Color

Yxy(90.2542, 0.3280, 0.3992)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFBD
RGB	219, 255, 189
RGB Percent	86%, 100%, 74%
CMY	0.1413, 0.0000, 0.2587
CMYK	0.14, 0.00, 0.26, 0.00
HSL	93°, 100%, 87%
HSV	93°, 26%, 100%
XYZ	74.1568, 90.2542, 61.6767
YIQ	236.7120, -0.2700, -28.1580

Conversions

Conversions Part 2

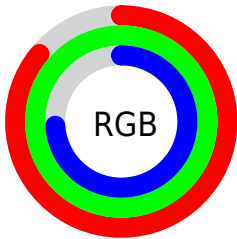
Format	Color
RYB	189, 255, 225
Decimal	14417853
CIELab	96.10, -22.90, 27.80
CIELCh	96, 36.015, 129.481
Yxy	90.2542, 0.3280, 0.3992
Android (android.graphics.Color)	4292607933 (0xFFDBFFBD)
YUV	236.7120, -23.5220, -15.5334
Hunter-Lab	95.0022, -26.9205, 28.0097

Details

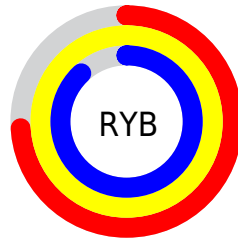
The Yxy color **90.2542, 0.3280, 0.3992** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.6487, 0.2933, 0.2599**, and the grayscale version is **84.6368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **49.9240, 0.3304, 0.4158** is the 20% darker color. If you saturate the color by 10%, you get **87.1703, 0.3331, 0.4295**, and if you desaturate by 10%, it is **93.7100, 0.3223, 0.3704**.

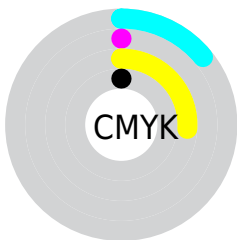
Distribution



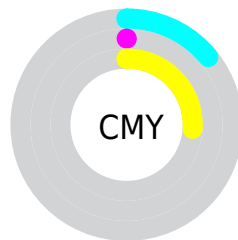
- Red (86%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (88%)



- Cyan (14%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.2542, 0.3280, 0.3992 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 90.2542, 0.3280, 0.3992 by changing the saturation by 10% instead.


 90.2542, 0.3280,
0.3992

 90.2542, 0.3280,
0.3992


528.8574, 0.3219,
0.3668

 68.1915, 0.3292,
0.4065


 147.6914, 0.3261,
0.3880

 50.0535, 0.3305,
0.4155


183.8348, 0.3253,
0.3837

 35.4559, 0.3319,
0.4268


225.4404, 0.3246,
0.3799

 24.0143, 0.3335,
0.4415

272.8928, 0.3239,
0.3766

 15.3442, 0.3351,
0.4611

326.5763, 0.3233,
0.3737

 9.0613, 0.3363,
0.4885

386.8753, 0.3228,

 4.7812, 0.3355,

0.3712

0.5291

454.1742, 0.3223,
0.3689

2.1195, 0.3558,
0.6442

0.6755, 0.1095,
0.8905

90.2542, 0.3280,
0.3992

90.2542, 0.3280,
0.3992

87.1703, 0.3331,
0.4295

93.7100, 0.3223,
0.3704

84.4489, 0.3373,
0.4604

97.5566, 0.3163,
0.3436

82.0727, 0.3401,
0.4906

100.0000, 0.3127,
0.3290

80.0244, 0.3410,
0.5184

■ 78.2853, 0.3399,
0.5422

■ 76.8338, 0.3367,
0.5607

■ 75.6442, 0.3316,
0.5730

■ 75.2155, 0.3292,
0.5768

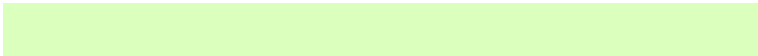
Harmonies

Analogous

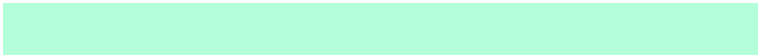
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.2542, 0.3652, 0.3987



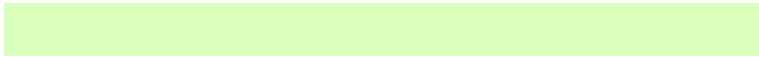
90.2542, 0.3280, 0.3992



90.2542, 0.2882, 0.3768

Triad

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



90.2542, 0.3280, 0.3992



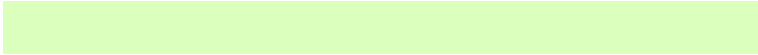
90.2542, 0.2410, 0.2746



90.2542, 0.3712, 0.3157

Complementary

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



90.2542, 0.3280, 0.3992



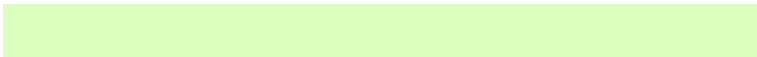
59.6487, 0.2933, 0.2599

Split Complementary

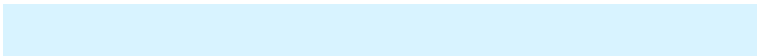
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.2542, 0.3344, 0.2873



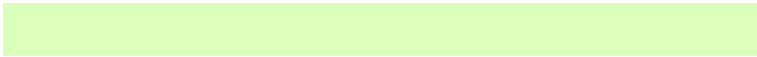
90.2542, 0.3280, 0.3992



90.2542, 0.2600, 0.2637

Square

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



90.2542, 0.3280, 0.3992



90.2542, 0.2397, 0.3013



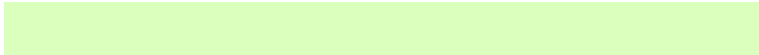
90.2542, 0.2935, 0.2687



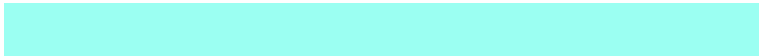
90.2542, 0.3917, 0.3484

Rectangle

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



90.2542, 0.3280, 0.3992



90.2542, 0.2656, 0.3525



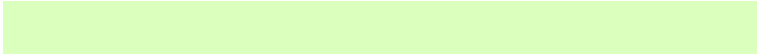
90.2542, 0.2935, 0.2687



90.2542, 0.3602, 0.3055

Sweetspot

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



90.2524, 0.3280, 0.3992



96.7030, 0.3176, 0.3491



78.3642, 0.3593, 0.3649



20.5719, 0.3185, 0.3531



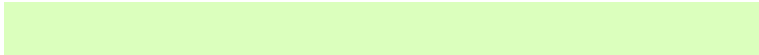
0.0000, 0.0000, 0.0000



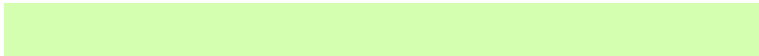
21.4041, 0.3127, 0.3290

Same Dimension

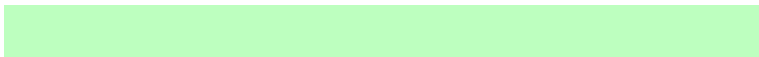
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.2524, 0.3280, 0.3992



88.6245, 0.3307, 0.4146



86.1157, 0.3080, 0.4008



20.5719, 0.3185, 0.3531



39.3878, 0.3304, 0.5759



3.8989, 0.3391, 0.5689

Inverse Universe

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



59.6487, 0.2933, 0.2599



53.3296, 0.2885, 0.2449



64.7507, 0.3173, 0.2664



17.8665, 0.3065, 0.3050



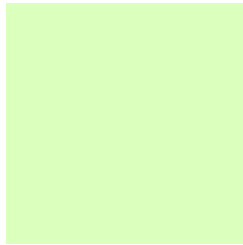
6.7422, 0.2114, 0.0938



0.7214, 0.2231, 0.1003

Previews

White Background



This preview shows how the Yxy color 90.2542, 0.3280, 0.3992 looks on a white background.

Color Contrast Check

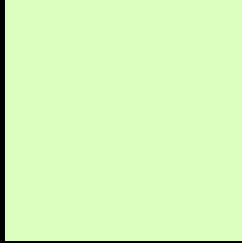
Large Text (above 18pt) WCAG AA × Fail

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 90.2542, 0.3280, 0.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

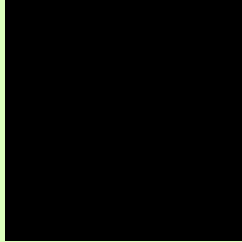
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

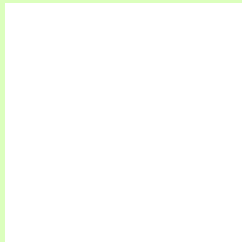
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.2542, 0.3280, 0.3992

Background



This preview shows how black text looks on a background with the Yxy color 90.2542, 0.3280, 0.3992.

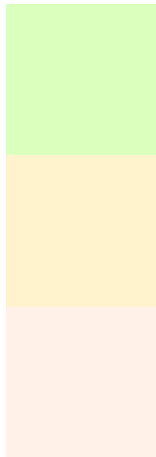


This preview shows how white text looks on a background with the Yxy color 90.2542, 0.3280, 0.3992.

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

90.2542, 0.3280, 0.3992

Protanopia

89.7690, 0.3445, 0.3668

Deuteranopia

89.9401, 0.3282, 0.3388



Tritanopia

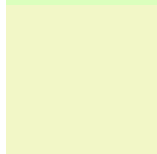
89.7542, 0.3012, 0.3181

Trichromacy



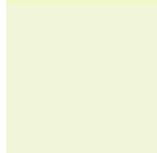
Original Color

90.2542, 0.3280, 0.3992



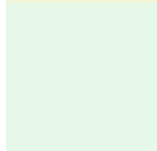
Protanomaly

89.5223, 0.3386, 0.3781



Deuteranomaly

89.7466, 0.3283, 0.3594



Tritanomaly

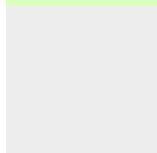
89.7273, 0.3113, 0.3464

Monochromacy



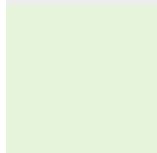
Original Color

90.2542, 0.3280, 0.3992



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.6917, 0.3181, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.2542, 0.3280, 0.3992 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 189) }
```

Border

The CSS property to change the border of an element to Yxy 90.2542, 0.3280, 0.3992 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, 189) }
```

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

```
.border{ border-color:rgb(219, 255, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 255, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 255, 189); box-shadow:4px 4px 4px 4px rgb(219, 255, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 90.2542, 0.3280, 0.3992 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, 189) }
```

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

```
.background{ background-color: rgb(219,  
255, 189) }
```

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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