

Converting Colors

Yxy(82.5936, 0.3258, 0.4613)

Have a look what the booklet for
Yxy(82.5936, 0.3258, 0.4613)
contains.

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Color

Yxy(82.5570, 0.3256, 0.4616)

Conversions

Conversions Part 1

Format	Color
Hex	AFFF8D
RGB	175, 255, 141
RGB Percent	69%, 100%, 55%
CMY	0.3140, 0.0000, 0.4471
CMYK	0.31, 0.00, 0.45, 0.00
HSL	102°, 100%, 78%
HSV	102°, 45%, 100%
XYZ	58.2334, 82.5570, 38.0592
YIQ	218.0840, -11.0860, -52.4140

Conversions

Conversions Part 2

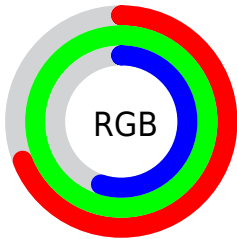
Format	Color
RYB	141, 255, 221
Decimal	11534221
CIELab	92.82, -44.39, 46.74
CIELCh	93, 64.455, 133.522
Yxy	82.5570, 0.3256, 0.4616
Android (android.graphics.Color)	4289724301 (0xFFAFF8D)
YUV	218.0840, -38.0024, -37.7847
Hunter-Lab	90.8609, -44.6045, 38.7676

Details

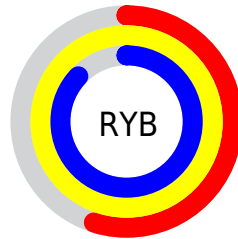
The Yxy color **82.5570, 0.3256, 0.4616** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **41.6482, 0.2890, 0.2096**, and the grayscale version is **70.4270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8292, 0.3331, 0.3898**, and **45.0147, 0.3251, 0.4950** is the 20% darker color. If you saturate the color by 10%, you get **79.9387, 0.3264, 0.4942**, and if you desaturate by 10%, it is **85.6069, 0.3237, 0.4287**.

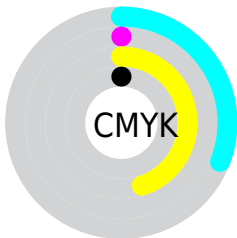
Distribution



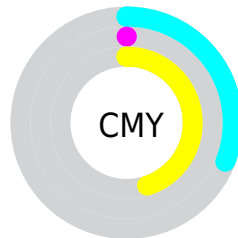
- Red (69%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (87%)



- Cyan (31%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)




- Cyan (31%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.5570, 0.3256, 0.4616 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 82.5570, 0.3256, 0.4616 by changing the saturation by 10% instead.


 82.5570, 0.3256,
0.4616


 82.5570, 0.3256,
0.4616


503.5089, 0.3226,
0.3981

 61.8248, 0.3254,
0.4763


 136.9548, 0.3252,
0.4393

 44.8911, 0.3248,
0.4946


 171.3892, 0.3249,
0.4307

 31.3717, 0.3232,
0.5176

211.1598, 0.3245,
0.4233

 20.8820, 0.3199,
0.5474

256.6509, 0.3241,
0.4169

 13.0378, 0.3131,
0.5868

308.2470, 0.3237,
0.4114

 7.4546, 0.2995,
0.6413


366.3324, 0.3233,


 3.7480, 0.2738,


0.4064


0.7262

431.2916, 0.3230,
0.4020


 1.5336, 0.1475,
0.8525


 0.3122, 0.0000,
1.0000


 82.5570, 0.3256,
0.4616

 82.5570, 0.3256,
0.4616


 79.9387, 0.3264,
0.4942


 85.6069, 0.3237,
0.4287

 77.7561, 0.3258,
0.5248

 89.1364, 0.3210,
0.3971

 75.9749, 0.3237,
0.5512

 93.1563, 0.3179,
0.3676

 74.5670, 0.3201,
0.5717

 97.6852, 0.3144,
0.3407

■ 73.4993, 0.3154,
0.5851

100.0000, 0.3127,
0.3290

■ 73.0526, 0.3128,
0.5899

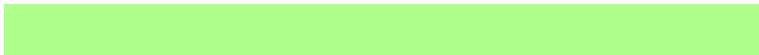
Harmonies

Analogous

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



82.5570, 0.3947, 0.4580



82.5570, 0.3256, 0.4616



82.5570, 0.2568, 0.4128

Triad

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



82.5570, 0.3256, 0.4616



82.5570, 0.1916, 0.2272



82.5570, 0.4285, 0.3094

Complementary

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



82.5570, 0.3256, 0.4616



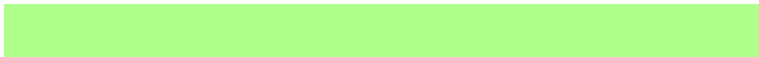
41.6482, 0.2890, 0.2096

Split Complementary

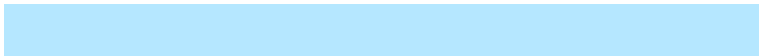
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5570, 0.3610, 0.2620



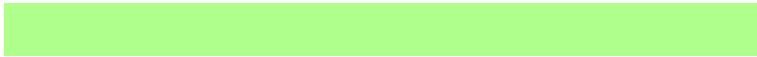
82.5570, 0.3256, 0.4616



82.5570, 0.2257, 0.2160

Square

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



82.5570, 0.3256, 0.4616



82.5570, 0.1849, 0.2665



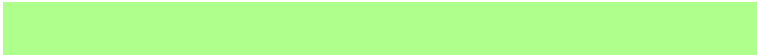
82.5570, 0.2854, 0.2289



82.5570, 0.4599, 0.3639

Rectangle

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



82.5570, 0.3256, 0.4616



82.5570, 0.2204, 0.3610



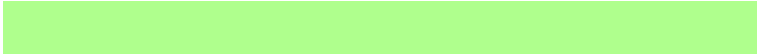
82.5570, 0.2854, 0.2289



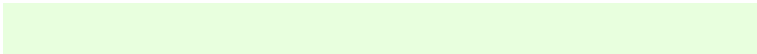
82.5570, 0.4088, 0.2925

Sweetspot

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



82.5480, 0.3256, 0.4616



93.8945, 0.3173, 0.3628



74.7882, 0.3937, 0.4098



19.8940, 0.3180, 0.3690



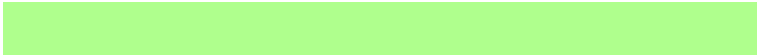
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

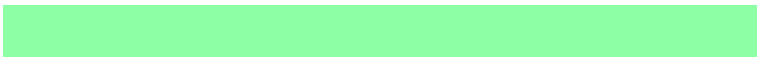
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5480, 0.3256, 0.4616



80.1098, 0.3264, 0.4920



79.8544, 0.2953, 0.4414



20.4301, 0.3161, 0.3533



38.2385, 0.3138, 0.5891



3.7769, 0.3220, 0.5826

Inverse Universe

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



41.6482, 0.2890, 0.2096



34.3105, 0.2821, 0.1855



46.1436, 0.3378, 0.2385



18.0130, 0.3090, 0.3052



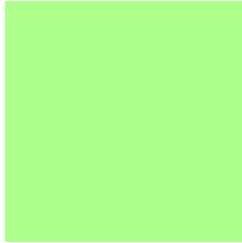
8.8674, 0.2466, 0.1132



0.9201, 0.2553, 0.1180

Previews

White Background



This preview shows how the Yxy color 82.5570, 0.3256, 0.4616 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 82.5570, 0.3256, 0.4616 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

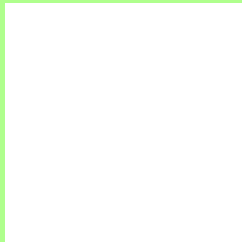
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5570, 0.3256, 0.4616

Background



This preview shows how black text looks on a background with the Yxy color 82.5570, 0.3256, 0.4616.

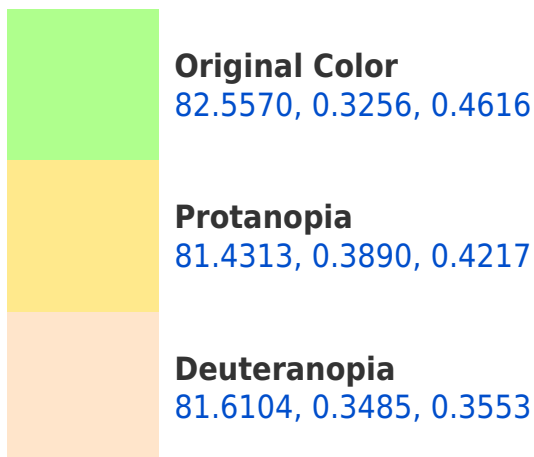


This preview shows how white text looks on a background with the Yxy color 82.5570, 0.3256, 0.4616.

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





Tritanopia

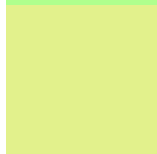
82.3775, 0.2817, 0.3131

Trichromacy



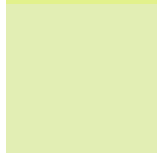
Original Color

82.5570, 0.3256, 0.4616



Protanomaly

80.9728, 0.3644, 0.4367



Deuteranomaly

80.6131, 0.3409, 0.3916



Tritanomaly

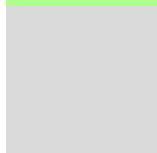
81.4973, 0.2980, 0.3637

Monochromacy



Original Color

82.5570, 0.3256, 0.4616



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

73.4261, 0.3187, 0.3760

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5570, 0.3256, 0.4616 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(175, 255, 141)` looks like.

```
.text, #text, p{  
    color:rgb(175, 255, 141)  
}
```

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(175, 255, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 141) }
```

Border

The CSS property to change the border of an element to Yxy 82.5570, 0.3256, 0.4616 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(175, 255, 141) }
```

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

```
.border{ border-color:rgb(175, 255, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 255, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 255, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 255, 141);  
box-shadow:4px 4px 4px 4px rgb(175, 255,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5570, 0.3256, 0.4616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 255, 141) }
```

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

```
.background{ background-color: rgb(175,  
255, 141) }
```

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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