

Converting Colors

`RYB(156, 255, 146)`

Have a look what the booklet for
RYB(156, 255, 146) contains.

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Color

R_YB(156, 255, 146)

Conversions

Conversions Part 1

Format	Color
Hex	FFF692
RGB	255, 246, 146
RGB Percent	100%, 96%, 57%
CMY	0.0000, 0.0359, 0.4275
CMYK	0.00, 0.04, 0.43, 0.00
HSL	55°, 100%, 79%
HSV	55°, 43%, 100%
XYZ	79.3355, 89.1498, 40.2203
YIQ	237.2910, 37.4640, -29.1920

Conversions

Conversions Part 2

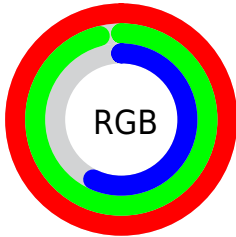
Format	Color
R _Y B	156, 255, 146
Decimal	16774802
CIE Lab	95.64, -10.45, 48.99
CIE LCh	96, 50.087, 102.037
Yxy	89.1498, 0.3801, 0.4272
Android (android.graphics.Color)	4294964882 (0xFFFFF692)
YUV	237.2910, -45.0065, 15.5308
Hunter-Lab	94.4192, -15.2492, 40.8373

Details

The RYB color **156, 255, 146** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **146, 154, 255**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **201, 255, 201**, and **101, 197, 93** is the 20% darker color. If you saturate the color by 10%, you get **133, 255, 121**, and if you desaturate by 10%, it is **179, 255, 171**.

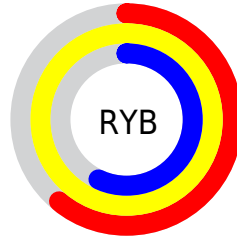
Distribution



Red (100%)

Green (96%)

Blue (57%)



Red (61%)

Yellow (100%)

Blue (57%)

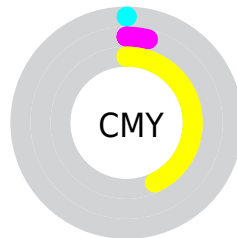


Cyan (0%)

Magenta (4%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 255, 146 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 RYB color 156, 255, 146 by changing the saturation by 10% instead.


 156, 255, 146

 156, 255, 146


255, 255, 255

 128, 225, 119

 201, 255, 201

 101, 197, 93

 230, 255, 230

 72, 168, 67

 45, 140, 42

 13, 113, 11

 0, 87, 0

 0, 64, 2

 0, 42, 6

 0, 23, 18

 156, 255, 146

 156, 255, 146

 133, 255, 121

 179, 255, 171

 109, 255, 95

 202, 255, 197

 87, 255, 69

 226, 255, 223

 64, 255, 44

 249, 255, 248

 40, 255, 18

255, 255, 255

 23, 255, 0

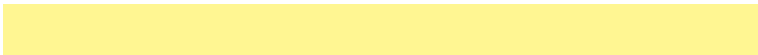
Harmonies

Analogous

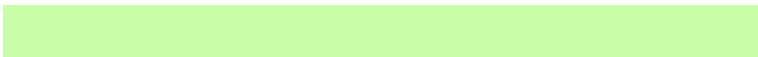
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185, 255, 150



156, 255, 146



169, 255, 223

Triad

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



156, 255, 146



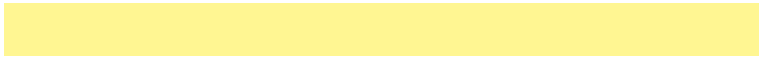
10, 133, 255



255, 208, 255

Complementary

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



156, 255, 146



146, 154, 255

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.



255, 223, 255



156, 255, 146



118, 187, 255

Square

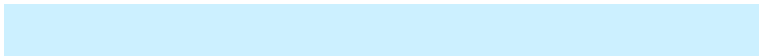
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



156, 255, 146



65, 160, 255



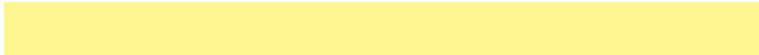
204, 225, 255



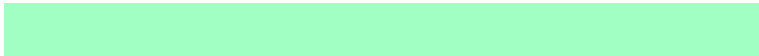
255, 205, 224

Rectangle

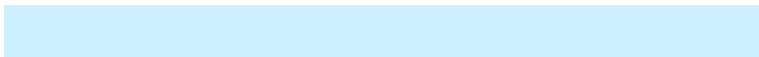
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



156, 255, 146



161, 230, 255



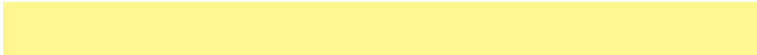
204, 225, 255



255, 212, 255

Sweetspot

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



156, 255, 146



225, 255, 222



255, 146, 157



109, 128, 107



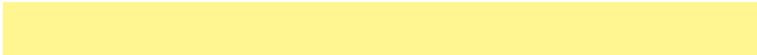
0, 0, 0



128, 128, 128

Same Dimension

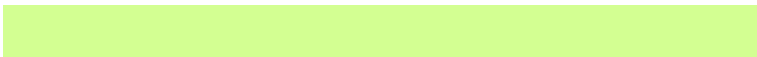
The Same Dimension uses a secret algorithm to generate beautiful new colors.



156, 255, 146



137, 255, 125



146, 255, 190



117, 128, 115



17, 191, 0



7, 64, 0

Inverse Universe

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



146, 154, 255



125, 135, 255



190, 146, 255



115, 116, 128



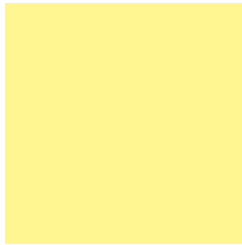
0, 15, 191



0, 5, 64

Previews

White Background



This preview shows how the RYB color 156, 255, 146 looks on a white background.

Color Contrast Check

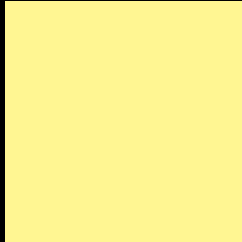
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 156, 255, 146 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](#).

RYP 156, 255, 146 Background



This preview shows how black text looks on a background with the RYP color 156, 255, 146.

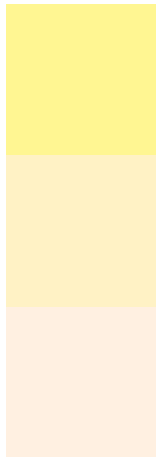


This preview shows how white text looks on a background with the RYP color 156, 255, 146.

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
156, 255, 146

Protanopia
214, 255, 197

Deuteranopia
255, 255, 225



Tritanopia

255, 238, 247

Trichromacy



Original Color

156, 255, 146



Protanomaly

192, 255, 178



Deuteranomaly

213, 255, 196



Tritanomaly

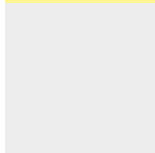
230, 255, 210

Monochromacy



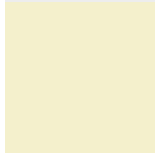
Original Color

156, 255, 146



Achromatopsia

237, 237, 237



Achromatomaly

208, 244, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 255, 146 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(255, 246, 146) looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 146)  
}
```

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(255, 246, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 146) }
```

Border

The CSS property to change the border of an element to RYB 156, 255, 146 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(255, 246, 146) }
```

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

```
.border{ border-color:rgb(255, 246, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 156, 255, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 146) }
```

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

```
.background{ background-color: rgb(255,  
246, 146) }
```

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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