

Converting Colors

`RYB(156, 250, 146)`

Have a look what the booklet for
RYB(156, 250, 146) contains.

RYB(156, 250, 146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(156, 250, 146)

Conversions

Conversions Part 1

Format	Color
Hex	FAF192
RGB	250, 241, 146
RGB Percent	98%, 95%, 57%
CMY	0.0196, 0.0554, 0.4275
CMYK	0.00, 0.04, 0.42, 0.02
HSL	55°, 91%, 78%
HSV	55°, 42%, 98%
XYZ	76.0316, 85.2372, 39.6393
YIQ	232.8610, 35.8590, -27.6370

Conversions

Conversions Part 2

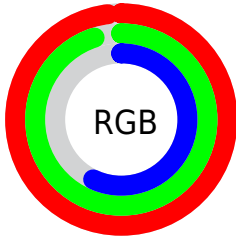
Format	Color
RYB	156, 250, 146
Decimal	16445842
CIELab	93.99, -9.93, 46.82
CIELCh	94, 47.863, 101.971
Yxy	85.2372, 0.3784, 0.4243
Android (android.graphics.Color)	4294635922 (0xFFFAF192)
YUV	232.8610, -42.8225, 15.0309
Hunter-Lab	92.3240, -14.5669, 39.1707

Details

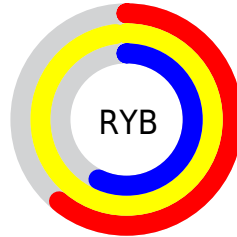
The RYB color **156, 250, 146** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **146, 154, 250**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **201, 255, 201**, and **101, 192, 93** is the 20% darker color. If you saturate the color by 10%, you get **133, 250, 121**, and if you desaturate by 10%, it is **179, 250, 171**.

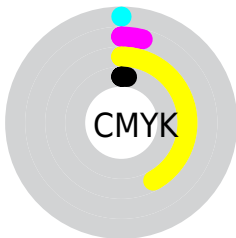
Distribution



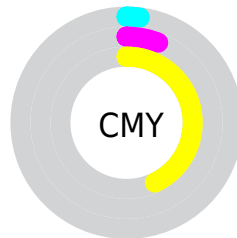
- Red (98%)
- Green (95%)
- Blue (57%)



- Red (61%)
- Yellow (98%)
- Blue (57%)



- Cyan (0%)
- Magenta (4%)
- Yellow (42%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 250, 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, 250, 146 by changing the saturation by 10% instead.

 156, 250, 146


255, 255, 255


 201, 255, 201


 230, 255, 230

 156, 250, 146

 128, 221, 119

 101, 192, 93

 74, 164, 68


 46, 136, 42

 16, 109, 14

 0, 83, 0

 0, 60, 2

 0, 39, 6

 0, 19, 19

156, 250, 146

156, 250, 146

133, 250, 121

179, 250, 171

111, 250, 96

202, 250, 196

89, 250, 71

224, 250, 221

66, 250, 46

246, 250, 246

43, 250, 21

250, 251, 255

24, 250, 0

250, 252, 255

250, 253, 255

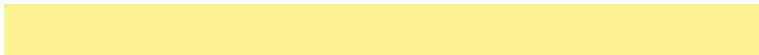
Harmonies

Analogous

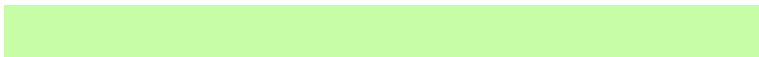
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192, 255, 150



156, 250, 146



167, 253, 221

Triad

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



156, 250, 146



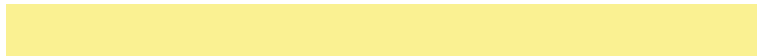
47, 151, 255



255, 205, 255

Complementary

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



156, 250, 146



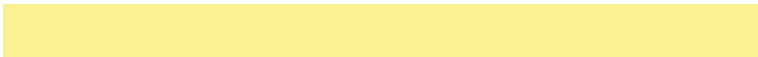
146, 154, 250

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, 219, 255



156, 250, 146



122, 187, 255

Square

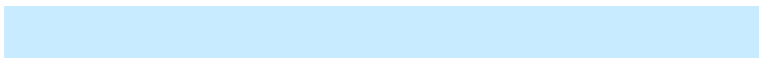
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



156, 250, 146



76, 166, 255



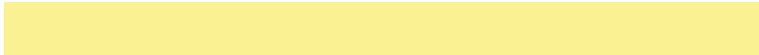
201, 222, 255



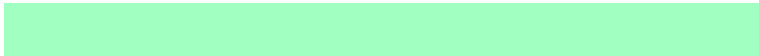
255, 202, 221

Rectangle

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



156, 250, 146



161, 231, 255



201, 222, 255



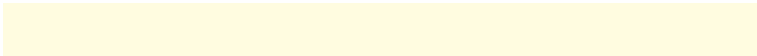
255, 209, 255

Sweetspot

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



156, 250, 146



227, 255, 224



250, 146, 156



112, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

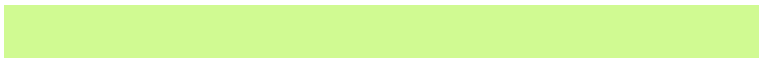
The Same Dimension uses a secret algorithm to generate beautiful new colors.



156, 250, 146



140, 255, 128



146, 250, 188



113, 125, 112



19, 189, 0



5, 61, 0

Inverse Universe

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



146, 154, 250



128, 138, 255



188, 146, 250



112, 114, 125



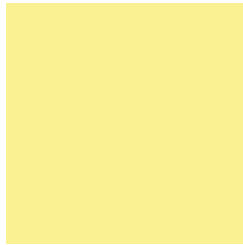
0, 16, 189



0, 5, 61

Previews

White Background



This preview shows how the RYB color 156, 250, 146 looks on a white background.

Color Contrast Check

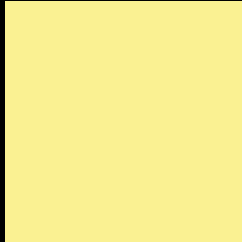
Large Text (above 18pt) WCAG AA × Fail

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, 250, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

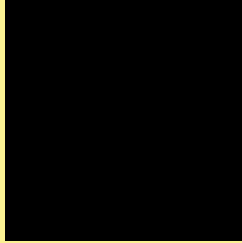
Any Text WCAG AA ✓ Pass

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](#).

RYB 156, 250, 146 Background



This preview shows how black text looks on a background with the RYB color 156, 250, 146.



This preview shows how white text looks on a background with the RYB color 156, 250, 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, 250, 146

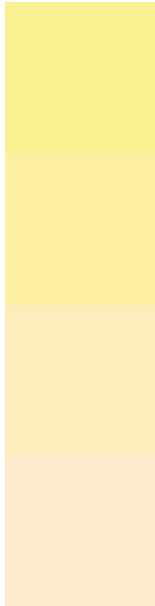
Protanopia
192, 255, 171

Deuteranopia
255, 253, 214



Tritanopia
255, 231, 244

Trichromacy



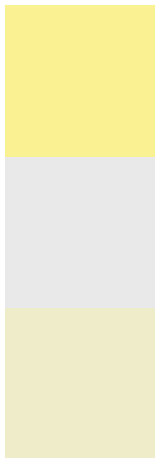
Original Color
156, 250, 146

Protanomaly
179, 253, 162

Deuteranomaly
210, 253, 189

Tritanomaly
238, 253, 208

Monochromacy



Original Color
156, 250, 146

Achromatopsia
233, 233, 233

Achromatomaly
204, 239, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 250, 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(250, 241, 146) looks like.

```
.text, #text, p{  
    color:rgb(250, 241, 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(250, 241, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 241, 146) }
```

Border

The CSS property to change the border of an element to RYB 156, 250, 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(250, 241, 146) }
```

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

```
.border{ border-color:rgb(250, 241, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 241, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 241, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 241, 146);  
box-shadow:4px 4px 4px 4px rgb(250, 241,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 156, 250, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 241, 146) }
```

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

```
.background{ background-color: rgb(250,  
241, 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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