

Converting Colors

`RYB(197, 226, 146)`

Have a look what the booklet for
RYB(197, 226, 146) contains.

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Color

R_YB(197, 226, 146)

Conversions

Conversions Part 1

Format	Color
Hex	E2C392
RGB	226, 195, 146
RGB Percent	89%, 76%, 57%
CMY	0.1137, 0.2359, 0.4275
CMYK	0.00, 0.14, 0.35, 0.11
HSL	37°, 58%, 73%
HSV	37°, 35%, 89%
XYZ	56.0350, 57.2093, 35.2833
YIQ	198.6830, 34.2050, -8.6670

Conversions

Conversions Part 2

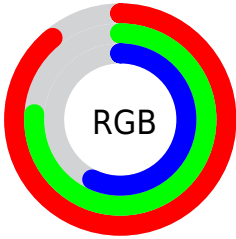
Format	Color
RYB	197, 226, 146
Decimal	14861202
CIELab	80.30, 4.18, 28.66
CIElCh	80, 28.960, 81.702
Yxy	57.2093, 0.3773, 0.3852
Android (android.graphics.Color)	4293051282 (0xFFE2C392)
YUV	198.6830, -25.9727, 23.9570
Hunter-Lab	75.6368, -0.1242, 25.2880

Details

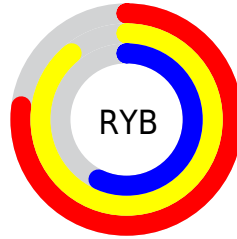
The RYB color **197, 226, 146** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **146, 168, 226**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **204, 255, 200**, and **140, 169, 95** is the 20% darker color. If you saturate the color by 10%, you get **188, 226, 123**, and if you desaturate by 10%, it is **205, 226, 169**.

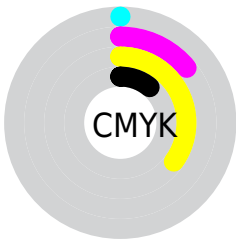
Distribution



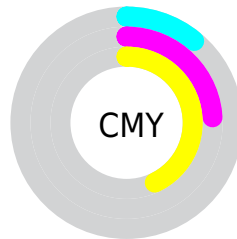
- Red (89%)
- Green (76%)
- Blue (57%)



- Red (77%)
- Yellow (89%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (35%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 226, 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 197, 226, 146 by changing the saturation by 10% instead.

 197, 226, 146


255, 255, 255

 204, 255, 200

 228, 255, 228

 197, 226, 146

 167, 197, 120

 140, 169, 95

 112, 142, 71

 88, 116, 48

 58, 90, 25

 28, 65, 1

 26, 41, 0

 12, 0, 0

 0, 0, 0

197, 226, 146

197, 226, 146

188, 226, 123

205, 226, 169

182, 226, 101

214, 226, 191

173, 226, 78

223, 226, 214

164, 226, 56

226, 229, 236

156, 226, 33

226, 235, 255

147, 226, 10

226, 239, 255

144, 226, 0

226, 241, 255

Harmonies

Analogous

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



246, 199, 158



197, 226, 146



149, 204, 155

Triad

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



197, 226, 146



120, 168, 218



227, 186, 233

Complementary

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



197, 226, 146



146, 168, 226

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.



193, 195, 249



197, 226, 146



126, 175, 241

Square

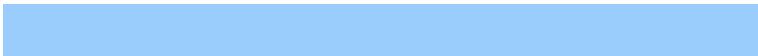
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



197, 226, 146



138, 183, 214



155, 188, 252



248, 180, 208

Rectangle

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



197, 226, 146



158, 208, 188



155, 188, 252



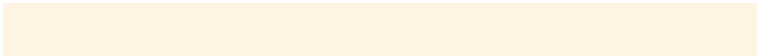
217, 189, 240

Sweetspot

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



197, 226, 146



245, 255, 227



226, 146, 178



123, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



197, 226, 146



217, 255, 148



146, 226, 154



107, 112, 101



113, 176, 0



29, 48, 0

Inverse Universe

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



146, 168, 226



148, 178, 255



154, 146, 226



101, 104, 112



0, 49, 176



0, 14, 48

Previews

White Background



This preview shows how the RYB color 197, 226, 146 looks on a white background.

Color Contrast Check

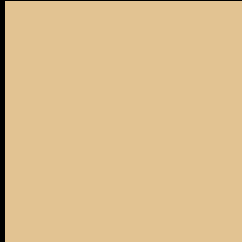
Large Text (above 18pt) WCAG AA × Fail

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 197, 226, 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 197, 226, 146 Background



This preview shows how black text looks on a background with the RYB color 197, 226, 146.



This preview shows how white text looks on a background with the RYB color 197, 226, 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
197, 226, 146

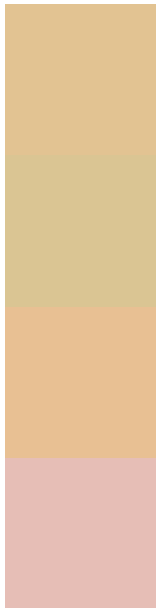
Protanopia
167, 214, 148

Deuteranopia
236, 234, 147



Tritanopia
232, 187, 202

Trichromacy



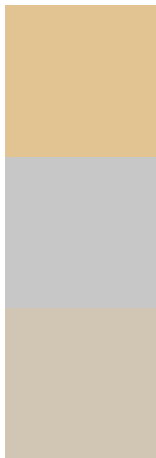
Original Color
197, 226, 146

Protanomaly
177, 218, 147

Deuteranomaly
223, 232, 147

Tritanomaly
230, 192, 182

Monochromacy



Original Color
197, 226, 146

Achromatopsia
199, 199, 199

Achromatomaly
200, 209, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 226, 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(226, 195, 146)` looks like.

```
.text, #text, p{  
    color:rgb(226, 195, 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(226, 195, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 195, 146) }
```

Border

The CSS property to change the border of an element to RYB 197, 226, 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(226, 195, 146) }
```

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

```
.border{ border-color:rgb(226, 195, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 195, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 195, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 195, 146);  
box-shadow:4px 4px 4px 4px rgb(226, 195,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 197, 226, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 195, 146) }
```

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

```
.background{ background-color: rgb(226,  
195, 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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