

Converting Colors

`RYB(237, 252, 156)`

Have a look what the booklet for
RYB(237, 252, 156) contains.

RYB(237, 252, 156)	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(237, 252, 156)

Conversions

Conversions Part 1

Format	Color
Hex	FCD09C
RGB	252, 208, 156
RGB Percent	99%, 82%, 61%
CMY	0.0118, 0.1840, 0.3882
CMYK	0.00, 0.17, 0.38, 0.01
HSL	33°, 94%, 80%
HSV	33°, 38%, 99%
XYZ	68.7180, 68.2406, 41.0024
YIQ	215.2280, 42.9160, -6.8440

Conversions

Conversions Part 2

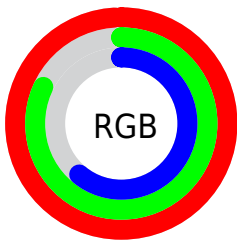
Format	Color
R _Y B	237, 252, 156
Decimal	16568476
CIE Lab	86.13, 8.56, 31.65
CIE LCh	86, 32.791, 74.869
Yxy	68.2406, 0.3861, 0.3835
Android (android.graphics.Color)	4294758556 (0xFFFC09C)
YUV	215.2280, -29.1994, 32.2490
Hunter-Lab	82.6078, 3.9230, 28.3969

Details

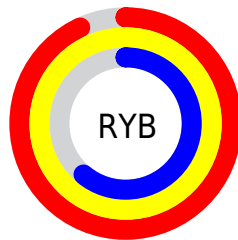
The RYB color **237, 252, 156** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **156, 186, 252**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **211, 255, 211**, and **176, 194, 104** is the 20% darker color. If you saturate the color by 10%, you get **232, 252, 131**, and if you desaturate by 10%, it is **239, 252, 181**.

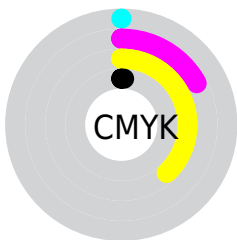
Distribution



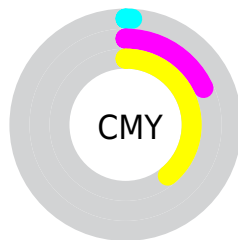
- Red (99%)
- Green (82%)
- Blue (61%)



- Red (93%)
- Yellow (99%)
- Blue (61%)



- Cyan (0%)
- Magenta (17%)
- Yellow (38%)
- Black (1%)



- Cyan (1%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 252, 156 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 237, 252, 156 by changing the saturation by 10% instead.

 237, 252, 156

 237, 252, 156


255, 255, 255

 207, 223, 130

 211, 255, 211

 176, 194, 104

 239, 255, 239

 148, 166, 80

 117, 138, 56

 87, 111, 33

 57, 85, 10

 43, 60, 0

 36, 23, 0

 0, 0, 0

237, 252, 156

237, 252, 156

232, 252, 131

239, 252, 181

230, 252, 106

245, 252, 206

226, 252, 80

248, 252, 232

221, 252, 55

252, 253, 255

219, 252, 30

252, 254, 255

213, 252, 5

212, 252, 0

Harmonies

Analogous

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



255, 209, 173



237, 252, 156



159, 222, 155

Triad

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



237, 252, 156



125, 180, 233



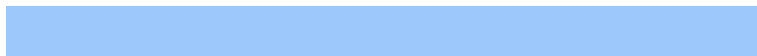
239, 202, 255

Complementary

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



237, 252, 156



156, 186, 252

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.



198, 210, 255



237, 252, 156



124, 183, 255

Square

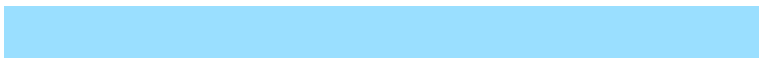
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237, 252, 156



152, 203, 232



154, 195, 255



255, 194, 232

Rectangle

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



237, 252, 156



164, 224, 189



154, 195, 255



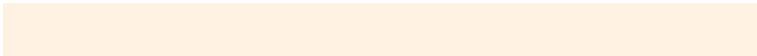
227, 206, 255

Sweetspot

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



237, 252, 156



251, 255, 227



252, 156, 201



126, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



237, 252, 156



238, 255, 138



156, 252, 159



123, 125, 112



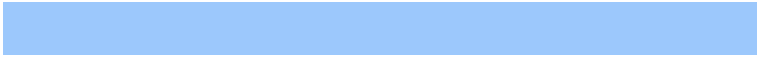
161, 189, 0



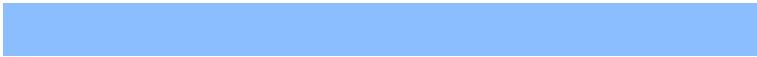
52, 61, 0

Inverse Universe

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



156, 186, 252



138, 174, 255



159, 156, 252



112, 116, 125



0, 59, 189



0, 19, 61

Previews

White Background



This preview shows how the RYB color 237, 252, 156 looks on a white background.

Color Contrast Check

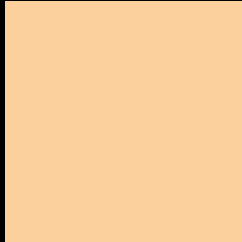
Large Text (above 18pt) WCAG AA × Fail

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 237, 252, 156 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 237, 252, 156 Background



This preview shows how black text looks on a background with the RYB color 237, 252, 156.


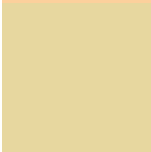



This preview shows how white text looks on a background with the RYB color 237, 252, 156.

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 237, 252, 156
	Protanopia 180, 231, 159
	Deuteranopia 253, 255, 158



Tritanopia
255, 201, 216

Trichromacy



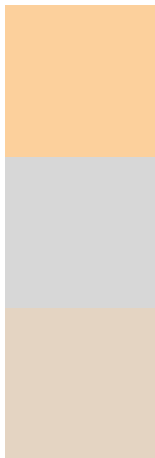
Original Color
237, 252, 156

Protanomaly
199, 239, 158

Deuteranomaly
248, 254, 157

Tritanomaly
254, 206, 194

Monochromacy



Original Color
237, 252, 156

Achromatopsia
215, 215, 215

Achromatomaly
224, 228, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 252, 156 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(252, 208, 156) looks like.

```
.text, #text, p{  
    color:rgb(252, 208, 156)  
}
```

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(252, 208, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 208, 156) }
```

Border

The CSS property to change the border of an element to RYB 237, 252, 156 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(252, 208, 156) }
```

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

```
.border{ border-color:rgb(252, 208, 156) }
```

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

Here you see how a box with a 4 pixel rgb(252, 208, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 208, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 208, 156);  
box-shadow:4px 4px 4px 4px rgb(252, 208,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 252, 208, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 208, 156) }
```

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

```
.background{ background-color: rgb(252,  
208, 156) }
```

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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