

Converting Colors

`RYB(215, 238, 170)`

Have a look what the booklet for
RYB(215, 238, 170) contains.

RYB(215, 238, 170)	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(215, 238, 170)

Conversions

Conversions Part 1

Format	Color
Hex	EED3AA
RGB	238, 211, 170
RGB Percent	93%, 83%, 67%
CMY	0.0667, 0.1729, 0.3333
CMYK	0.00, 0.11, 0.29, 0.07
HSL	36°, 67%, 80%
HSV	36°, 29%, 93%
XYZ	65.7901, 67.6284, 47.6163
YIQ	214.3990, 29.2530, -7.0270

Conversions

Conversions Part 2

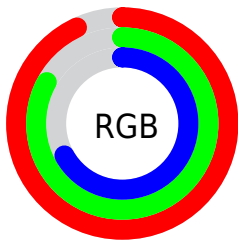
Format	Color
RYB	215, 238, 170
Decimal	15651754
CIELab	85.82, 3.41, 23.74
CIELCh	86, 23.988, 81.820
Yxy	67.6284, 0.3634, 0.3736
Android (android.graphics.Color)	4293841834 (0xFFEED3AA)
YUV	214.3990, -21.8887, 20.6981
Hunter-Lab	82.2365, -1.1119, 23.2356

Details

The RYB color **215, 238, 170** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **170, 189, 238**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **225, 255, 225**, and **157, 181, 118** is the 20% darker color. If you saturate the color by 10%, you get **208, 238, 146**, and if you desaturate by 10%, it is **224, 238, 194**.

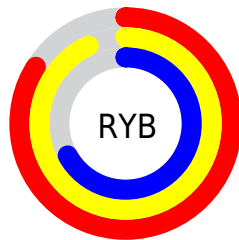
Distribution



Red (93%)

Green (83%)

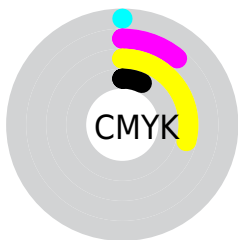
Blue (67%)



Red (84%)

Yellow (93%)

Blue (67%)

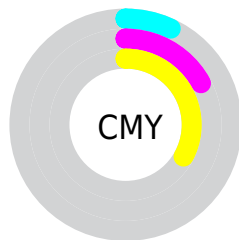


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (7%)



Cyan (7%)

Magenta (17%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 238, 170 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 215, 238, 170 by changing the saturation by 10% instead.

 215, 238, 170

255, 255, 255

 225, 255, 225

254, 255, 254

 215, 238, 170

 186, 209, 143

 159, 181, 118

 133, 154, 93

 104, 127, 69

 77, 101, 46

 52, 76, 24

 23, 53, 0

 26, 30, 0

 0, 0, 0

 215, 238, 170


 215, 238, 170

 208, 238, 146


 224, 238, 194

 198, 238, 122


 231, 238, 218

 193, 238, 99

 238, 239, 241

 183, 238, 75

 238, 245, 255

 173, 238, 51

 238, 247, 255

 167, 238, 27

 157, 238, 3

 158, 238, 0

Harmonies

Analogous

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



255, 215, 180



215, 238, 170



172, 218, 176

Triad

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



215, 238, 170



152, 190, 231



238, 204, 243

Complementary

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



215, 238, 170



170, 189, 238

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.



210, 211, 255



215, 238, 170



158, 196, 249

Square

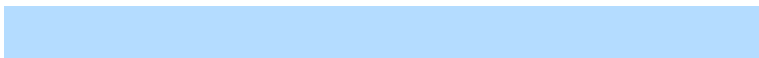
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215, 238, 170



165, 202, 227



180, 206, 255



255, 199, 222

Rectangle

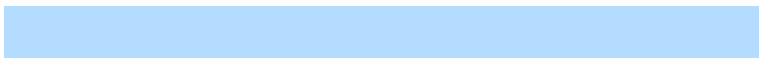
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215, 238, 170



180, 222, 205



180, 206, 255



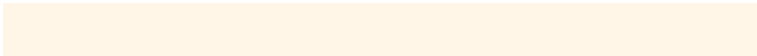
230, 206, 249

Sweetspot

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



215, 238, 170



247, 255, 232



238, 170, 197



123, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



215, 238, 170



227, 255, 168



170, 238, 177



117, 120, 108



124, 184, 0



36, 56, 0

Inverse Universe

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



170, 189, 238



168, 193, 255



177, 170, 238



108, 112, 120



0, 52, 184



0, 16, 56

Previews

White Background



This preview shows how the RYB color 215, 238, 170 looks on a white background.

Color Contrast Check

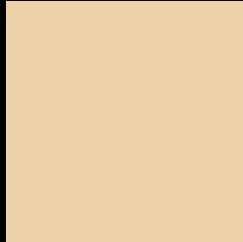
Large Text (above 18pt) WCAG AA × Fail

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 215, 238, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

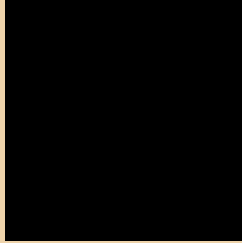
Any Text WCAG AA ✓ Pass

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 215, 238, 170 Background



This preview shows how black text looks on a background with the RYB color 215, 238, 170.



This preview shows how white text looks on a background with the RYB color 215, 238, 170.

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
215, 238, 170

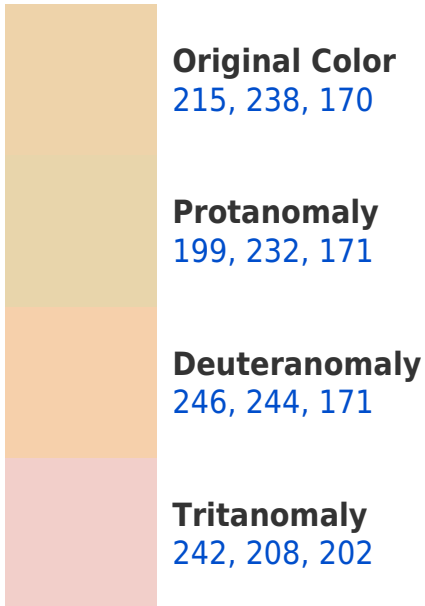
Protanopia
191, 228, 172

Deuteranopia
250, 234, 171



Tritanopia
244, 204, 220

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 238, 170 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(238, 211, 170) looks like.

```
.text, #text, p{  
    color:rgb(238, 211, 170)  
}
```

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(238, 211, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 211, 170) }
```

Border

The CSS property to change the border of an element to RYB 215, 238, 170 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(238, 211, 170) }
```

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

```
.border{ border-color:rgb(238, 211, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 211, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 211, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 211, 170);  
box-shadow:4px 4px 4px 4px rgb(238, 211,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 238, 211, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 211, 170) }
```

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

```
.background{ background-color: rgb(238,  
211, 170) }
```

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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