

Converting Colors

`RYB(213, 215, 154)`

Have a look what the booklet for
RYB(213, 215, 154) contains.

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Color

R_YB(213, 215, 154)

Conversions

Conversions Part 1

Format	Color
Hex	D7B99A
RGB	215, 185, 154
RGB Percent	84%, 73%, 60%
CMY	0.1569, 0.2745, 0.3961
CMYK	0.00, 0.14, 0.28, 0.16
HSL	31°, 43%, 72%
HSV	31°, 28%, 84%
XYZ	51.2078, 51.4816, 37.8098
YIQ	190.4360, 27.8310, -3.2810

Conversions

Conversions Part 2

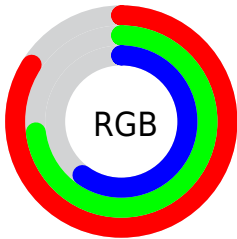
Format	Color
R _{YB}	213, 215, 154
Decimal	14137754
CIE Lab	76.97, 6.12, 19.72
CIE LCh	77, 20.644, 72.757
Yxy	51.4816, 0.3645, 0.3664
Android (android.graphics.Color)	4292327834 (0xFFD7B99A)
YUV	190.4360, -17.9629, 21.5426
Hunter-Lab	71.7507, 1.8301, 18.9819

Details

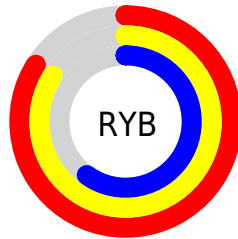
The RYB color **213, 215, 154** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **154, 174, 215**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **228, 255, 208**, and **155, 159, 103** is the 20% darker color. If you saturate the color by 10%, you get **215, 215, 133**, and if you desaturate by 10%, it is **213, 215, 176**.

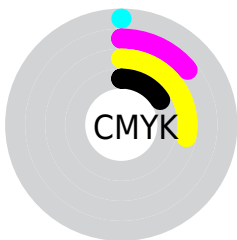
Distribution



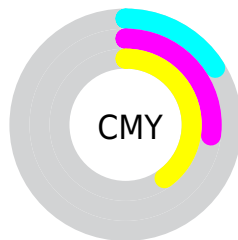
- Red (84%)
- Green (73%)
- Blue (60%)



- Red (84%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (28%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 215, 154 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 213, 215, 154 by changing the saturation by 10% instead.

 213, 215, 154

255, 255, 255

 228, 255, 208


 237, 255, 237

 213, 215, 154

 185, 187, 128

 155, 159, 103

 129, 133, 79

 100, 107, 55

 75, 82, 34

 47, 58, 12

 33, 35, 0


 0, 0, 0

 213, 215, 154


 213, 215, 154

 215, 215, 133

 213, 215, 176

 211, 215, 111

 215, 215, 197

 213, 215, 90

 215, 216, 219

 209, 215, 68

 215, 223, 240

 209, 215, 46

 215, 230, 255

 207, 215, 25

 215, 233, 255

 209, 215, 4

 215, 235, 255

 209, 215, 0

Harmonies

Analogous

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



227, 183, 165



213, 215, 154



159, 196, 153

Triad

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



213, 215, 154



140, 171, 201



203, 182, 218

Complementary

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



213, 215, 154



154, 174, 215

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.



179, 187, 227



213, 215, 154



140, 173, 215

Square

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



213, 215, 154



154, 184, 200



155, 181, 226



222, 178, 202

Rectangle

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



213, 215, 154



158, 195, 171



155, 181, 226



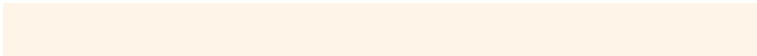
196, 185, 222

Sweetspot

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



213, 215, 154



253, 255, 232



215, 154, 185



126, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



213, 215, 154



253, 255, 168



154, 215, 154



105, 107, 96



165, 171, 0



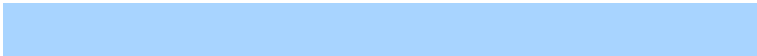
41, 43, 0

Inverse Universe

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



154, 174, 215



168, 197, 255



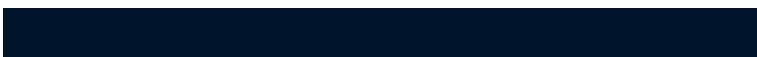
154, 154, 215



96, 100, 107



0, 56, 171



0, 14, 43

Previews

White Background



This preview shows how the RYB color 213, 215, 154 looks on a white background.

Color Contrast Check

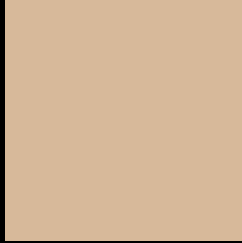
Large Text (above 18pt) WCAG AA × Fail

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 213, 215, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

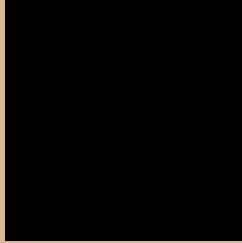
Any Text WCAG AA ✓ Pass

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](#).

R/Y/B 213, 215, 154 Background



This preview shows how black text looks on a background with the R/Y/B color 213, 215, 154.



This preview shows how white text looks on a background with the R/Y/B color 213, 215, 154.


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

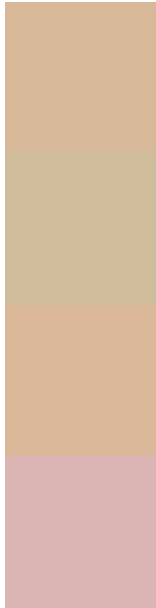


Original Color 213, 215, 154
Protanopia 171, 201, 156
Deuteranopia 221, 205, 154



Tritanopia
220, 179, 193

Trichromacy



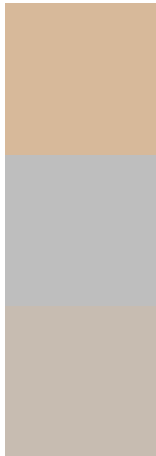
Original Color
213, 215, 154

Protanomaly
183, 206, 155

Deuteranomaly
219, 210, 154

Tritanomaly
218, 181, 179

Monochromacy



Original Color
213, 215, 154

Achromatopsia
190, 190, 190

Achromatomaly
199, 199, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 215, 154 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(215, 185, 154) looks like.

```
.text, #text, p{  
    color:rgb(215, 185, 154)  
}
```

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(215, 185, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 185, 154) }
```

Border

The CSS property to change the border of an element to RYB 213, 215, 154 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(215, 185, 154) }
```

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

```
.border{ border-color:rgb(215, 185, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 185, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 185, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 185, 154);  
box-shadow:4px 4px 4px 4px rgb(215, 185,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 213, 215, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 185, 154) }
```

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

```
.background{ background-color: rgb(215,  
185, 154) }
```

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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