

Converting Colors

`RYB(155, 216, 142)`

Have a look what the booklet for
RYB(155, 216, 142) contains.

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Color

R_YB(155, 216, 142)

Conversions

Conversions Part 1

Format	Color
Hex	D8CD8E
RGB	216, 205, 142
RGB Percent	85%, 80%, 56%
CMY	0.1529, 0.1963, 0.4431
CMYK	0.00, 0.05, 0.34, 0.15
HSL	51°, 49%, 70%
HSV	51°, 34%, 85%
XYZ	55.0190, 60.1871, 34.3086
YIQ	201.1070, 26.7790, -17.2610

Conversions

Conversions Part 2

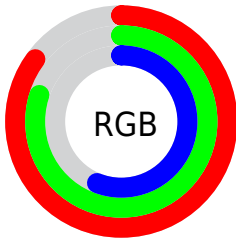
Format	Color
R_{YB}	155, 216, 142
Decimal	14208398
CIE _{Lab}	81.94, -5.45, 32.77
CIE _{LCh}	82, 33.216, 99.443
Yxy	60.1871, 0.3680, 0.4025
Android (android.graphics.Color)	4292398478 (0xFFD8CD8E)
YUV	201.1070, -29.1398, 13.0612
Hunter-Lab	77.5803, -9.1757, 28.0862

Details

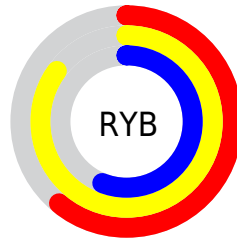
The RYB color **155, 216, 142** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **142, 152, 216**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **196, 255, 196**, and **101, 160, 91** is the 20% darker color. If you saturate the color by 10%, you get **136, 216, 120**, and if you desaturate by 10%, it is **173, 216, 164**.

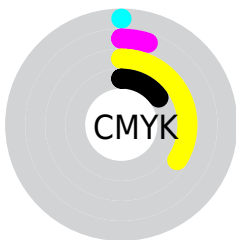
Distribution



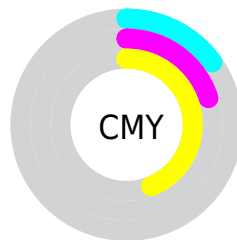
- Red (85%)
- Green (80%)
- Blue (56%)



- Red (61%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (5%)
- Yellow (34%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 216, 142 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 155, 216, 142 by changing the saturation by 10% instead.

 155, 216, 142


255, 255, 255

 196, 255, 196

 224, 255, 224


253, 255, 253

 155, 216, 142

 128, 188, 116

 101, 160, 91


 76, 133, 67

 51, 107, 43

 27, 82, 20

 4, 58, 0

 1, 34, 0

 0, 11, 11


 0, 0, 0

 155, 216, 142


 155, 216, 142

 136, 216, 120

 173, 216, 164

 120, 216, 99

 191, 216, 185

 102, 216, 77

 208, 216, 207

 84, 216, 56

 216, 218, 228

 66, 216, 34

 216, 220, 250

 47, 216, 12

 216, 223, 255

 38, 216, 0

 216, 225, 255

 216, 227, 255

 216, 228, 255

Harmonies

Analogous

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



245, 239, 146



155, 216, 142



155, 214, 187

Triad

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



155, 216, 142



107, 168, 242



252, 183, 226

Complementary

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



155, 216, 142



142, 152, 216

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.



221, 192, 252



155, 216, 142



134, 182, 255

Square

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



155, 216, 142



115, 170, 221



178, 197, 255



255, 181, 195

Rectangle

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



155, 216, 142



157, 207, 218



178, 197, 255



243, 186, 236

Sweetspot

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



155, 216, 142



235, 255, 230



216, 142, 153



116, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



155, 216, 142



169, 255, 150



142, 216, 168



98, 107, 96



31, 171, 0



7, 43, 0

Inverse Universe

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



142, 152, 216



150, 164, 255



168, 142, 216



96, 98, 107



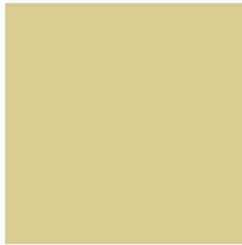
0, 23, 171



0, 5, 43

Previews

White Background



This preview shows how the RYB color 155, 216, 142 looks on a white background.

Color Contrast Check

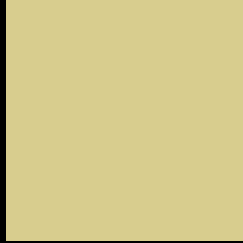
Large Text (above 18pt) WCAG AA × Fail

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 155, 216, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

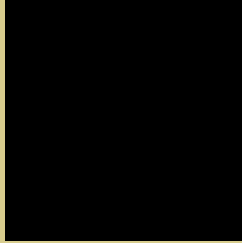
Any Text WCAG AA ✓ Pass

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 155, 216, 142 Background



This preview shows how black text looks on a background with the RYB color 155, 216, 142.



This preview shows how white text looks on a background with the RYB color 155, 216, 142.

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
155, 216, 142

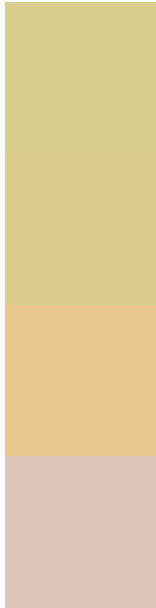
Protanopia
161, 220, 141

Deuteranopia
234, 242, 144



Tritanopia
224, 196, 211

Trichromacy



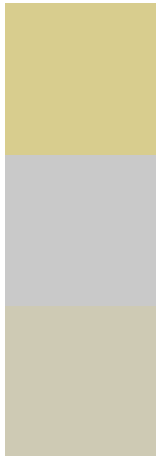
Original Color
155, 216, 142

Protanomaly
160, 219, 141

Deuteranomaly
198, 233, 143

Tritanomaly
221, 207, 186

Monochromacy



Original Color
155, 216, 142

Achromatopsia
201, 201, 201

Achromatomaly
185, 206, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 216, 142 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(216, 205, 142) looks like.

```
.text, #text, p{  
    color:rgb(216, 205, 142)  
}
```

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(216, 205, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 205, 142) }
```

Border

The CSS property to change the border of an element to RYB 155, 216, 142 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(216, 205, 142) }
```

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

```
.border{ border-color:rgb(216, 205, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 205, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 205, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 205, 142);  
box-shadow:4px 4px 4px 4px rgb(216, 205,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 155, 216, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 205, 142) }
```

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

```
.background{ background-color: rgb(216,  
205, 142) }
```

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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