

Converting Colors

`RYB(162, 215, 157)`

Have a look what the booklet for
RYB(162, 215, 157) contains.

RYB(162, 215, 157)	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(162, 215, 157)

Conversions

Conversions Part 1

Format	Color
Hex	D7D29D
RGB	215, 210, 157
RGB Percent	84%, 82%, 62%
CMY	0.1569, 0.1749, 0.3843
CMYK	0.00, 0.02, 0.27, 0.16
HSL	55°, 42%, 73%
HSV	55°, 27%, 84%
XYZ	57.2548, 63.1708, 41.0738
YIQ	205.4530, 19.9930, -15.4230

Conversions

Conversions Part 2

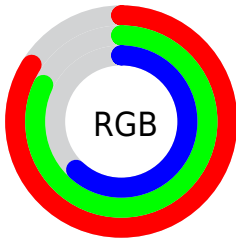
Format	Color
RYB	162, 215, 157
Decimal	14144157
CIELab	83.53, -6.74, 27.10
CIElCh	84, 27.924, 103.975
Yxy	63.1708, 0.3545, 0.3912
Android (android.graphics.Color)	4292334237 (0xFFD7D29D)
YUV	205.4530, -23.8873, 8.3727
Hunter-Lab	79.4800, -10.5045, 24.9961

Details

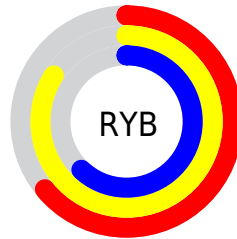
The RYB color **162, 215, 157** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **157, 162, 215**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **212, 255, 212**, and **109, 160, 105** is the 20% darker color. If you saturate the color by 10%, you get **142, 215, 136**, and if you desaturate by 10%, it is **182, 215, 179**.

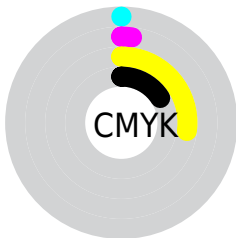
Distribution



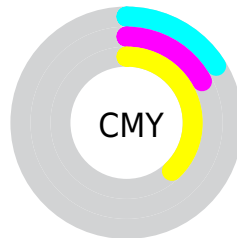
- Red (84%)
- Green (82%)
- Blue (62%)



- Red (64%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (2%)
- Yellow (27%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 215, 157 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 162, 215, 157 by changing the saturation by 10% instead.


 162, 215, 157

255, 255, 255


 212, 255, 212


 240, 255, 240

 162, 215, 157

 135, 187, 131

 109, 160, 105


 84, 133, 81

 59, 107, 57

 35, 82, 34

 12, 58, 12

 0, 36, 0

 0, 16, 14

 0, 0, 0

 162, 215, 157


 162, 215, 157

 142, 215, 136

 182, 215, 179

 123, 215, 114

 201, 215, 200

 104, 215, 93

 215, 216, 222

 83, 215, 71

 215, 217, 243

 63, 215, 49


 215, 219, 255

 44, 215, 28

 215, 220, 255

 25, 215, 6

 215, 221, 255

 18, 215, 0

 215, 222, 255

 215, 224, 255

Harmonies

Analogous

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



232, 241, 158



162, 215, 157



170, 218, 203

Triad

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



162, 215, 157



135, 183, 244



252, 191, 223

Complementary

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



162, 215, 157



157, 162, 215

Split Complementary

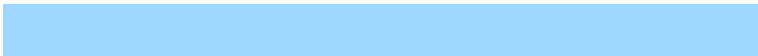
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228, 197, 246



162, 215, 157



158, 194, 255

Square

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



162, 215, 157



135, 180, 223



193, 204, 255



255, 189, 197

Rectangle

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



162, 215, 157



165, 207, 221



193, 204, 255



245, 192, 232

Sweetspot

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



162, 215, 157



237, 255, 235



215, 157, 162



117, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



162, 215, 157



179, 255, 173



157, 215, 181



97, 107, 96



15, 171, 0



3, 43, 0

Inverse Universe

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



157, 162, 215



173, 179, 255



181, 157, 215



96, 97, 107



0, 13, 171



0, 3, 43

Previews

White Background



This preview shows how the RYB color 162, 215, 157 looks on a white background.

Color Contrast Check

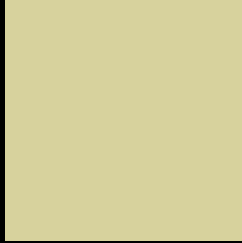
Large Text (above 18pt) WCAG AA × Fail

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 162, 215, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

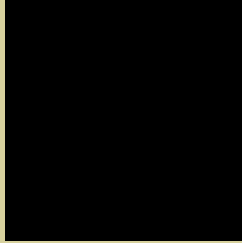
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

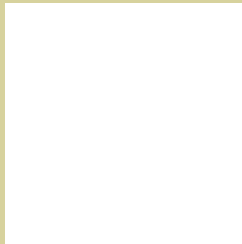
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 162, 215, 157 Background



This preview shows how black text looks on a background with the RYB color 162, 215, 157.



This preview shows how white text looks on a background with the RYB color 162, 215, 157.

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](#).

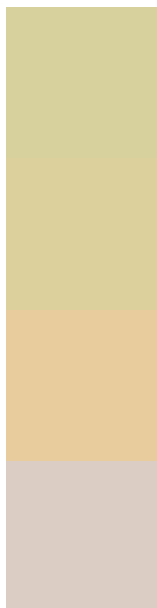
Dichromacy

	Original Color 162, 215, 157
	Protanopia 175, 223, 156
	Deuteranopia 244, 238, 159



Tritanopia
223, 202, 218

Trichromacy



Original Color

162, 215, 157

Protanomaly

169, 220, 156

Deuteranomaly

205, 233, 158

Tritanomaly

220, 210, 196

Monochromacy



Original Color

162, 215, 157

Achromatopsia

206, 206, 206

Achromatomaly

189, 209, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 215, 157 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, 210, 157)` looks like.

```
.text, #text, p{  
    color:rgb(215, 210, 157)  
}
```

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, 210, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 210, 157) }
```

Border

The CSS property to change the border of an element to RYB 162, 215, 157 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, 210, 157) }
```

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

```
.border{ border-color:rgb(215, 210, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 210, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 210, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 210, 157);  
box-shadow:4px 4px 4px 4px rgb(215, 210,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 162, 215, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 210, 157) }
```

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

```
.background{ background-color: rgb(215,  
210, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor