

Converting Colors

`RYB(165, 210, 162)`

Have a look what the booklet for
RYB(165, 210, 162) contains.

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Color

R_YB(165, 210, 162)

Conversions

Conversions Part 1

Format	Color
Hex	D2CFA2
RGB	210, 207, 162
RGB Percent	82%, 81%, 64%
CMY	0.1765, 0.1875, 0.3647
CMYK	0.00, 0.01, 0.23, 0.18
HSL	56°, 35%, 73%
HSV	56°, 23%, 82%
XYZ	55.4555, 61.0215, 43.0379
YIQ	202.7670, 16.2330, -13.3590

Conversions

Conversions Part 2

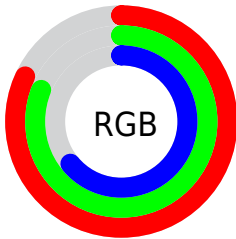
Format	Color
RYB	165, 210, 162
Decimal	13815714
CIELab	82.39, -6.29, 22.86
CIELCh	82, 23.711, 105.390
Yxy	61.0215, 0.3477, 0.3825
Android (android.graphics.Color)	4292005794 (0xFFD2CFA2)
YUV	202.7670, -20.0981, 6.3433
Hunter-Lab	78.1162, -9.9844, 22.0157

Details

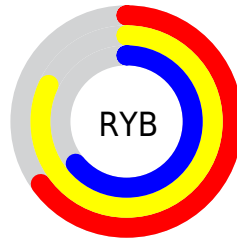
The RYB color **165, 210, 162** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **162, 165, 210**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **217, 255, 217**, and **112, 155, 110** is the 20% darker color. If you saturate the color by 10%, you get **145, 210, 141**, and if you desaturate by 10%, it is **185, 210, 183**.

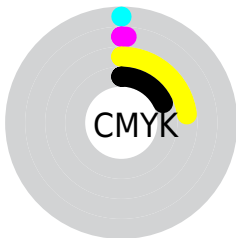
Distribution



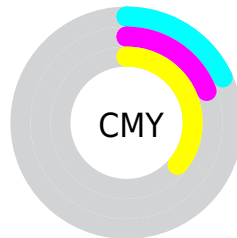
- Red (82%)
- Green (81%)
- Blue (64%)



- Red (65%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (1%)
- Yellow (23%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 210, 162 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 165, 210, 162 by changing the saturation by 10% instead.

 165, 210, 162


255, 255, 255


 217, 255, 217


 246, 255, 246

 165, 210, 162

 138, 182, 136

 112, 155, 110


 87, 129, 85

 63, 103, 62

 40, 79, 39

 18, 55, 18

 0, 34, 0

 0, 13, 13

 0, 0, 0

 165, 210, 162

 165, 210, 162

 145, 210, 141

 185, 210, 183

 125, 210, 120

 204, 210, 204

 106, 210, 99

 210, 211, 225

 87, 210, 78

 210, 212, 246

 67, 210, 57


 210, 213, 255

 47, 210, 36

 210, 215, 255

 27, 210, 15

 210, 215, 255

 13, 210, 0

 210, 216, 255

 210, 217, 255

Harmonies

Analogous

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



221, 232, 162



165, 210, 162



173, 213, 201

Triad

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



165, 210, 162



146, 185, 236



243, 190, 217

Complementary

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



165, 210, 162



162, 165, 210

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.



223, 196, 236



165, 210, 162



165, 194, 247

Square

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



165, 210, 162



145, 182, 218



194, 202, 248



251, 189, 194

Rectangle

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



165, 210, 162



168, 203, 216



194, 202, 248



237, 192, 224

Sweetspot

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



165, 210, 162



238, 255, 237



210, 162, 165



118, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



165, 210, 162



190, 255, 186



162, 210, 183



95, 105, 94



11, 168, 0



3, 41, 0

Inverse Universe

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



162, 165, 210



186, 190, 255



183, 162, 210



94, 95, 105



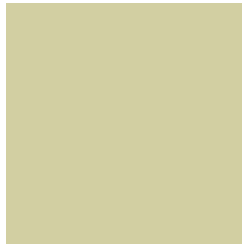
0, 9, 168



0, 2, 41

Previews

White Background



This preview shows how the RYB color 165, 210, 162 looks on a white background.

Color Contrast Check

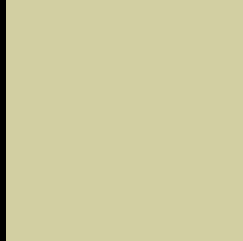
Large Text (above 18pt) WCAG AA × Fail

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 165, 210, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

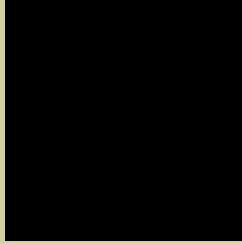
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

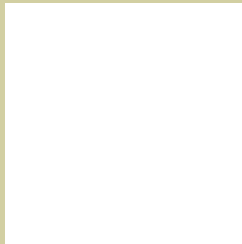
Any Text WCAG AAA ✓ Pass

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

RYB 165, 210, 162 Background



This preview shows how black text looks on a background with the RYB color 165, 210, 162.



This preview shows how white text looks on a background with the RYB color 165, 210, 162.

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](#).

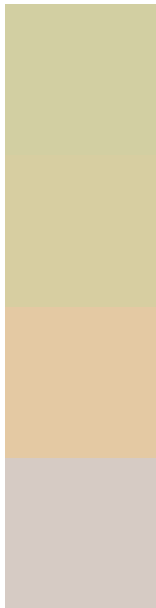
Dichromacy





Tritanopia
217, 200, 216

Trichromacy



Original Color
165, 210, 162

Protanomaly
172, 215, 161

Deuteranomaly
209, 228, 163

Tritanomaly
214, 207, 196

Monochromacy



Original Color
165, 210, 162

Achromatopsia
203, 203, 203

Achromatomaly
189, 206, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 210, 162 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(210, 207, 162) looks like.

```
.text, #text, p{  
    color:rgb(210, 207, 162)  
}
```

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(210, 207, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 207, 162) }
```

Border

The CSS property to change the border of an element to RYB 165, 210, 162 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(210, 207, 162) }
```

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

```
.border{ border-color:rgb(210, 207, 162) }
```

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

Here you see how a box with a 4 pixel rgb(210, 207, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 207, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 207, 162);  
box-shadow:4px 4px 4px 4px rgb(210, 207,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 165, 210, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 207, 162) }
```

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

```
.background{ background-color: rgb(210,  
207, 162) }
```

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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