

Converting Colors

`RYB(150, 210, 160)`

Have a look what the booklet for
RYB(150, 210, 160) contains.

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Color

R_YB(150, 210, 160)

Conversions

Conversions Part 1

Format	Color
Hex	C8D296
RGB	200, 210, 150
RGB Percent	78%, 82%, 59%
CMY	0.2157, 0.1765, 0.4118
CMYK	0.05, 0.00, 0.29, 0.18
HSL	70°, 40%, 71%
HSV	70°, 29%, 82%
XYZ	52.3710, 60.5746, 37.7860
YIQ	200.1700, 13.3000, -20.7800

Conversions

Conversions Part 2

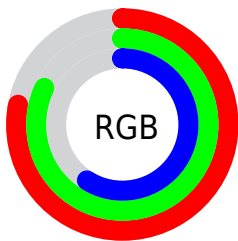
Format	Color
RYB	150, 210, 160
Decimal	13161110
CIELab	82.15, -13.15, 28.68
CIELCh	82, 31.548, 114.633
Yxy	60.5746, 0.3474, 0.4019
Android (android.graphics.Color)	4291351190 (0xFFC8D296)
YUV	200.1700, -24.7338, -0.1491
Hunter-Lab	77.8297, -16.0905, 25.6957

Details

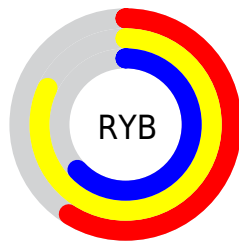
The RYB color **150, 210, 160** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **160, 150, 210**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **205, 255, 205**, and **99, 156, 110** is the 20% darker color. If you saturate the color by 10%, you get **129, 210, 142**, and if you desaturate by 10%, it is **171, 210, 177**.

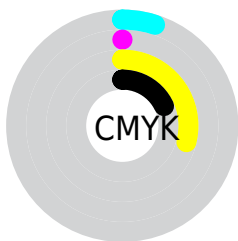
Distribution



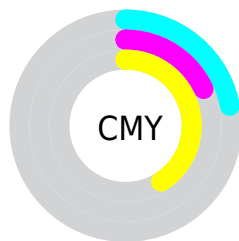
- Red (78%)
- Green (82%)
- Blue (59%)



- Red (59%)
- Yellow (82%)
- Blue (63%)



- Cyan (5%)
- Magenta (0%)
- Yellow (29%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 210, 160 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 150, 210, 160 by changing the saturation by 10% instead.


 150, 210, 160


255, 255, 255


 205, 255, 205


 233, 255, 233

 150, 210, 160

 124, 182, 134

 99, 156, 110


 74, 130, 85

 51, 104, 61

 28, 80, 39

 4, 57, 15

 0, 36, 12


 0, 14, 14

 0, 0, 0

 150, 210, 160

 150, 210, 160

 129, 210, 142

 171, 210, 177

 108, 210, 125

 192, 210, 195

 87, 210, 107

 211, 210, 213

 66, 210, 90

 214, 210, 234

 45, 210, 72

 217, 210, 255

 24, 210, 55

 221, 210, 255

 3, 210, 37

 224, 210, 255

 0, 210, 35

 228, 210, 255

 231, 210, 255

Harmonies

Analogous

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



192, 231, 146



150, 210, 160



166, 214, 217

Triad

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



150, 210, 160



124, 178, 252



255, 183, 211

Complementary

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



150, 210, 160



160, 150, 210

Split Complementary

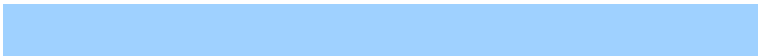
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237, 189, 239



150, 210, 160



159, 192, 255

Square

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



150, 210, 160



114, 169, 228



202, 199, 255



255, 184, 181

Rectangle

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



150, 210, 160



144, 192, 220



202, 199, 255



253, 184, 221

Sweetspot

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



150, 210, 160



232, 255, 236



210, 162, 150



113, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



150, 210, 160



168, 255, 182



150, 210, 189



94, 105, 96



0, 168, 28



0, 41, 7

Inverse Universe

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



160, 150, 210



183, 168, 255



190, 150, 210



96, 94, 105



28, 0, 168



7, 0, 41

Previews

White Background



This preview shows how the RYB color 150, 210, 160 looks on a white background.

Color Contrast Check

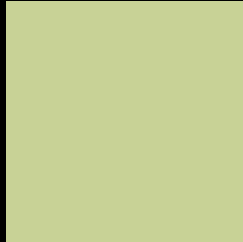
Large Text (above 18pt) WCAG AA × Fail

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 150, 210, 160 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

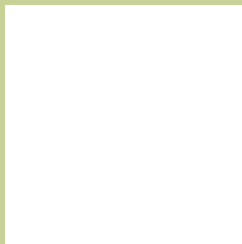
Any Text WCAG AAA ✓ Pass

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

RYB 150, 210, 160 Background



This preview shows how black text looks on a background with the RYB color 150, 210, 160.



This preview shows how white text looks on a background with the RYB color 150, 210, 160.

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
150, 210, 160

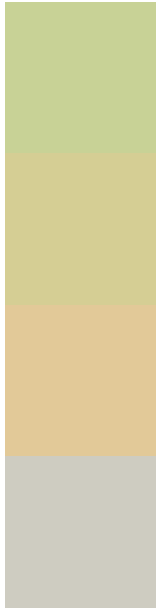
Protanopia
167, 220, 147

Deuteranopia
241, 237, 153



Tritanopia
209, 201, 217

Trichromacy



Original Color
150, 210, 160

Protanomaly
156, 213, 148

Deuteranomaly
190, 226, 152

Tritanomaly
195, 206, 193

Monochromacy



Original Color
150, 210, 160

Achromatopsia
200, 200, 200

Achromatomaly
182, 204, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 210, 160 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(200, 210, 150)` looks like.

```
.text, #text, p{  
    color:rgb(200, 210, 150)  
}
```

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(200, 210, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 210, 150) }
```

Border

The CSS property to change the border of an element to RYB 150, 210, 160 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(200, 210, 150) }
```

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

```
.border{ border-color:rgb(200, 210, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 210, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 210, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 210, 150);  
box-shadow:4px 4px 4px 4px rgb(200, 210,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 150, 210, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 210, 150) }
```

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

```
.background{ background-color: rgb(200,  
210, 150) }
```

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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