

Converting Colors

`RYB(180, 210, 150)`

Have a look what the booklet for
RYB(180, 210, 150) contains.

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Color

R_YB(180, 210, 150)

Conversions

Conversions Part 1

Format	Color
Hex	D2BE96
RGB	210, 190, 150
RGB Percent	82%, 75%, 59%
CMY	0.1765, 0.2549, 0.4118
CMYK	0.00, 0.10, 0.29, 0.18
HSL	40°, 40%, 71%
HSV	40°, 29%, 82%
XYZ	50.4968, 52.7306, 36.3707
YIQ	191.4200, 24.7600, -8.2000

Conversions

Conversions Part 2

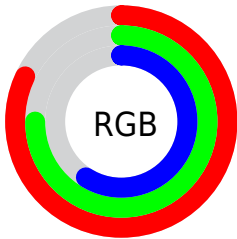
Format	Color
RYB	180, 210, 150
Decimal	13811350
CIELab	77.72, 1.01, 22.81
CIELCh	78, 22.832, 87.457
Yxy	52.7306, 0.3617, 0.3777
Android (android.graphics.Color)	4292001430 (0xFFD2BE96)
YUV	191.4200, -20.4201, 16.2947
Hunter-Lab	72.6158, -2.9493, 21.1348

Details

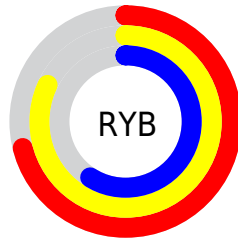
The RYB color **180, 210, 150** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **150, 165, 210**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **215, 255, 204**, and **126, 155, 99** is the 20% darker color. If you saturate the color by 10%, you get **170, 210, 129**, and if you desaturate by 10%, it is **191, 210, 171**.

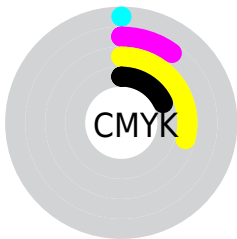
Distribution



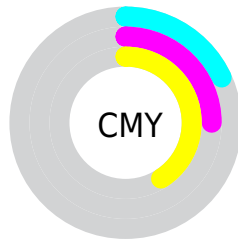
- Red (82%)
- Green (75%)
- Blue (59%)



- Red (71%)
- Yellow (82%)
- Blue (59%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 210, 150 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 180, 210, 150 by changing the saturation by 10% instead.

 180, 210, 150

255, 255, 255


 215, 255, 204

 233, 255, 233


 180, 210, 150

 152, 182, 124

 126, 155, 99

 100, 128, 75

 73, 102, 52

 50, 78, 30

 23, 54, 7


 13, 31, 0

 0, 0, 0


 180, 210, 150


 180, 210, 150

 170, 210, 129


 191, 210, 171

 159, 210, 108


 201, 210, 192

 149, 210, 87

 210, 211, 213

 138, 210, 66

 210, 216, 234

 128, 210, 45

 210, 221, 255

 117, 210, 24

 210, 225, 255

 107, 210, 3

 210, 228, 255

 105, 210, 0

 210, 230, 255

 210, 232, 255

Harmonies

Analogous

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



227, 198, 157



180, 210, 150



154, 197, 164

Triad

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



180, 210, 150



133, 170, 211



218, 181, 215

Complementary

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



180, 210, 150



150, 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.



193, 187, 230



180, 210, 150



142, 176, 227

Square

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



180, 210, 150



143, 178, 204



165, 185, 234



233, 177, 195

Rectangle

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



180, 210, 150



163, 200, 192



165, 185, 234



211, 183, 221

Sweetspot

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



180, 210, 150



244, 255, 232



210, 150, 170



121, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



180, 210, 150



212, 255, 168



150, 210, 160



100, 105, 94



84, 168, 0



21, 41, 0

Inverse Universe

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



150, 165, 210



168, 190, 255



160, 150, 210



94, 97, 105



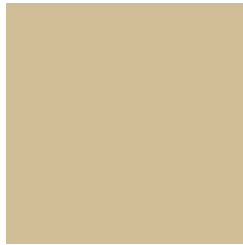
0, 42, 168



0, 10, 41

Previews

White Background



This preview shows how the RYB color 180, 210, 150 looks on a white background.

Color Contrast Check

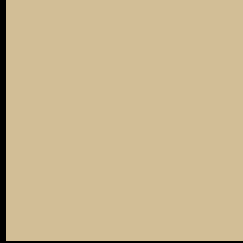
Large Text (above 18pt) WCAG AA × Fail

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 180, 210, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

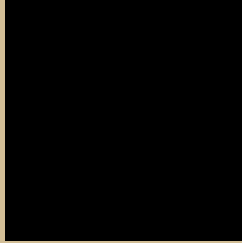
Any Text WCAG AA ✓ Pass

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 180, 210, 150 Background



This preview shows how black text looks on a background with the RYB color 180, 210, 150.



This preview shows how white text looks on a background with the RYB color 180, 210, 150.

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
180, 210, 150

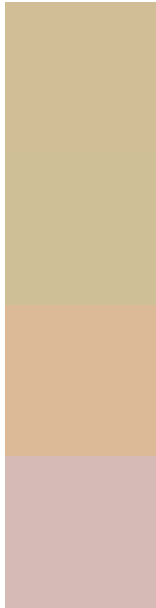
Protanopia
168, 205, 151

Deuteranopia
225, 211, 151



Tritanopia
216, 183, 198

Trichromacy



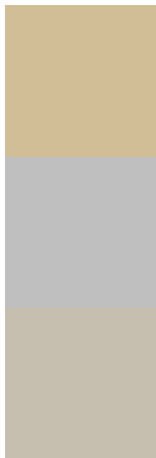
Original Color
180, 210, 150

Protanomaly
173, 207, 151

Deuteranomaly
218, 220, 151

Tritanomaly
214, 187, 181

Monochromacy



Original Color
180, 210, 150

Achromatopsia
191, 191, 191

Achromatomaly
186, 198, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 210, 150 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, 190, 150)` looks like.

```
.text, #text, p{  
    color:rgb(210, 190, 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(210, 190, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 190, 150) }
```

Border

The CSS property to change the border of an element to RYB 180, 210, 150 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, 190, 150) }
```

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

```
.border{ border-color:rgb(210, 190, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 190, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 190, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 190, 150);  
box-shadow:4px 4px 4px 4px rgb(210, 190,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 180, 210, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 190, 150) }
```

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

```
.background{ background-color: rgb(210,  
190, 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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