

Converting Colors

`RYB(195, 208, 141)`

Have a look what the booklet for
RYB(195, 208, 141) contains.

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Color

R_YB(195, 208, 141)

Conversions

Conversions Part 1

Format	Color
Hex	D0B28D
RGB	208, 178, 141
RGB Percent	82%, 70%, 55%
CMY	0.1843, 0.3016, 0.4471
CMYK	0.00, 0.14, 0.32, 0.18
HSL	33°, 42%, 68%
HSV	33°, 32%, 82%
XYZ	46.7603, 47.2133, 31.8478
YIQ	182.7520, 29.7570, -5.1470

Conversions

Conversions Part 2

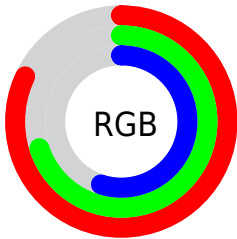
Format	Color
R_{YB}	195, 208, 141
Decimal	13677197
CIE Lab	74.33, 5.38, 22.97
CIE LCh	74, 23.595, 76.824
Yxy	47.2133, 0.3716, 0.3752
Android (android.graphics.Color)	4291867277 (0xFFD0B28D)
YUV	182.7520, -20.5837, 22.1425
Hunter-Lab	68.7119, 1.2282, 20.6175

Details

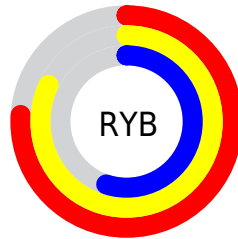
The RYB color **195, 208, 141** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **141, 162, 208**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **227, 255, 195**, and **142, 153, 91** is the 20% darker color. If you saturate the color by 10%, you get **190, 208, 120**, and if you desaturate by 10%, it is **201, 208, 162**.

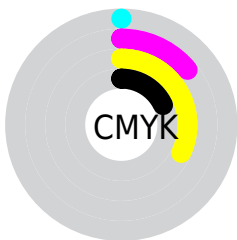
Distribution



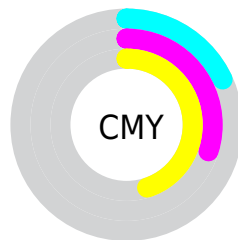
- Red (82%)
- Green (70%)
- Blue (55%)



- Red (76%)
- Yellow (82%)
- Blue (55%)



- Cyan (0%)
- Magenta (14%)
- Yellow (32%)
- Black (18%)



- Cyan (18%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 208, 141 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 195, 208, 141 by changing the saturation by 10% instead.

 195, 208, 141


255, 255, 255

 227, 255, 195

 223, 255, 223


 251, 255, 251


 195, 208, 141

 167, 180, 115

 139, 153, 91

 110, 126, 67

 83, 100, 44

 58, 75, 23

 30, 52, 0

 28, 18, 0


 0, 0, 0

 195, 208, 141

 195, 208, 141

 190, 208, 120


 201, 208, 162

 185, 208, 99


 203, 208, 183

 184, 208, 79


 206, 208, 203

 179, 208, 58

 208, 213, 224

 174, 208, 37

 208, 220, 245

 172, 208, 16

 208, 225, 255

 168, 208, 0

 208, 228, 255

 208, 231, 255

 208, 232, 255

Harmonies

Analogous

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



223, 178, 152



195, 208, 141



142, 186, 141

Triad

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



195, 208, 141



123, 159, 195



201, 173, 213

Complementary

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



195, 208, 141



141, 162, 208

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.



174, 180, 224



195, 208, 141



125, 164, 214

Square

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



195, 208, 141



138, 173, 194



145, 173, 224



220, 168, 193

Rectangle

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



195, 208, 141



148, 189, 167



145, 173, 224



193, 176, 218

Sweetspot

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



195, 208, 141



250, 255, 230



208, 141, 171



124, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



195, 208, 141



235, 255, 156



141, 208, 144



103, 105, 94



135, 168, 0



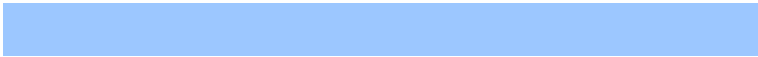
32, 41, 0

Inverse Universe

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



141, 162, 208



156, 186, 255



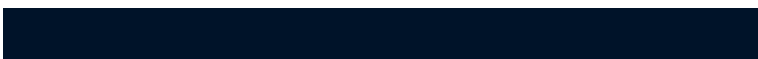
144, 141, 208



94, 97, 105



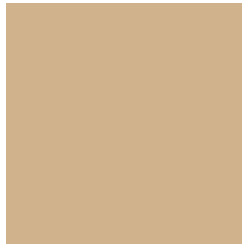
0, 52, 168



0, 13, 41

Previews

White Background



This preview shows how the RYB color 195, 208, 141 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 195, 208, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

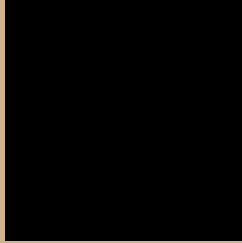
Any Text WCAG AA ✓ Pass

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 195, 208, 141 Background



This preview shows how black text looks on a background with the RYB color 195, 208, 141.



This preview shows how white text looks on a background with the RYB color 195, 208, 141.

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](#).

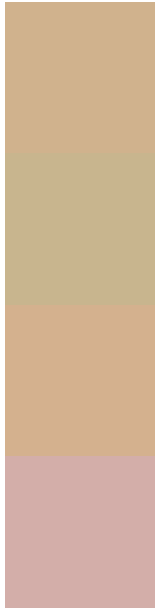
Dichromacy





Tritanopia
213, 172, 185

Trichromacy



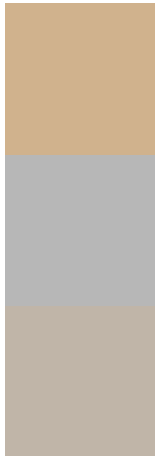
Original Color
195, 208, 141

Protanomaly
170, 200, 142

Deuteranomaly
212, 212, 142

Tritanomaly
211, 175, 169

Monochromacy



Original Color
195, 208, 141

Achromatopsia
183, 183, 183

Achromatomaly
188, 192, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 208, 141 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(208, 178, 141)` looks like.

```
.text, #text, p{  
    color:rgb(208, 178, 141)  
}
```

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(208, 178, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 178, 141) }
```

Border

The CSS property to change the border of an element to RYB 195, 208, 141 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(208, 178, 141) }
```

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

```
.border{ border-color:rgb(208, 178, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 178, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 178, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 178, 141);  
box-shadow:4px 4px 4px 4px rgb(208, 178,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 195, 208, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 178, 141) }
```

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

```
.background{ background-color: rgb(208,  
178, 141) }
```

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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