

Converting Colors

`RYB(190, 216, 148)`

Have a look what the booklet for
RYB(190, 216, 148) contains.

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Color

R_YB(190, 216, 148)

Conversions

Conversions Part 1

Format	Color
Hex	D8BE94
RGB	216, 190, 148
RGB Percent	85%, 75%, 58%
CMY	0.1529, 0.2548, 0.4196
CMYK	0.00, 0.12, 0.31, 0.15
HSL	37°, 47%, 71%
HSV	37°, 31%, 85%
XYZ	52.0855, 53.5797, 35.6137
YIQ	192.9860, 28.9780, -7.5500

Conversions

Conversions Part 2

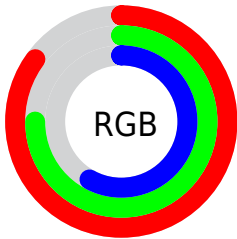
Format	Color
R_{YB}	190, 216, 148
Decimal	14204564
CIE _{Lab}	78.22, 3.06, 24.64
CIE _{LCh}	78, 24.831, 82.923
Yxy	53.5797, 0.3687, 0.3792
Android (android.graphics.Color)	4292394644 (0xFFD8BE94)
YUV	192.9860, -22.1781, 20.1833
Hunter-Lab	73.1982, -1.0818, 22.3919

Details

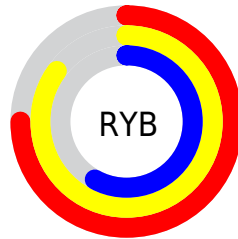
The RYB color **190, 216, 148** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **148, 167, 216**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **213, 255, 202**, and **133, 160, 97** is the 20% darker color. If you saturate the color by 10%, you get **181, 216, 126**, and if you desaturate by 10%, it is **200, 216, 170**.

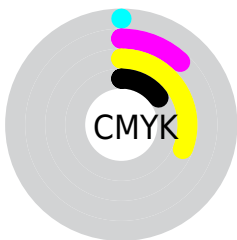
Distribution



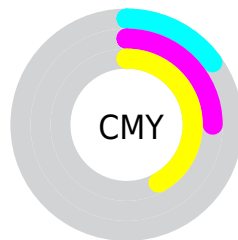
- Red (85%)
- Green (75%)
- Blue (58%)



- Red (75%)
- Yellow (85%)
- Blue (58%)



- Cyan (0%)
- Magenta (12%)
- Yellow (31%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 216, 148 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 190, 216, 148 by changing the saturation by 10% instead.


 190, 216, 148

255, 255, 255

 213, 255, 202


 230, 255, 230

 190, 216, 148

 162, 188, 122


 133, 160, 97

 108, 133, 73

 81, 107, 50

 55, 82, 28

 27, 58, 4

 21, 35, 0

 0, 0, 0

 190, 216, 148

 190, 216, 148

 181, 216, 126

 200, 216, 170

 173, 216, 105


 205, 216, 191

 166, 216, 83

 215, 216, 213

 158, 216, 62

 216, 221, 234

 148, 216, 40

 216, 227, 255

 139, 216, 18

 216, 231, 255

 132, 216, 0

 216, 234, 255

 216, 236, 255

Harmonies

Analogous

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



234, 195, 158



190, 216, 148



151, 197, 156

Triad

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



190, 216, 148



128, 168, 211



218, 182, 221

Complementary

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



190, 216, 148



148, 167, 216

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.



190, 189, 236



190, 216, 148



134, 174, 229

Square

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



190, 216, 148



142, 180, 206



159, 185, 239



236, 177, 200

Rectangle

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



190, 216, 148



159, 202, 187



159, 185, 239



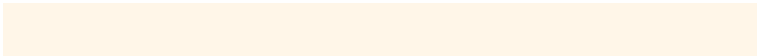
210, 184, 227

Sweetspot

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



190, 216, 148



247, 255, 232



216, 148, 174



123, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



190, 216, 148



218, 255, 158



148, 216, 156



102, 107, 96



105, 171, 0



25, 43, 0

Inverse Universe

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



148, 167, 216



158, 185, 255



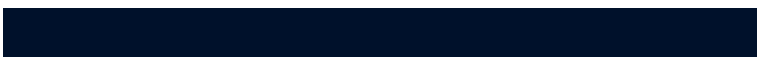
156, 148, 216



96, 99, 107



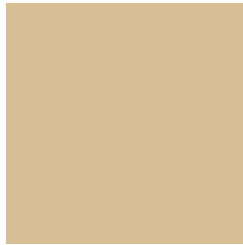
0, 47, 171



0, 12, 43

Previews

White Background



This preview shows how the RYB color 190, 216, 148 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 190, 216, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

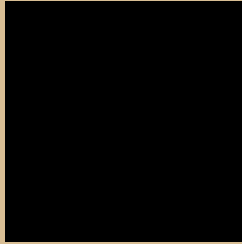
Any Text WCAG AA ✓ Pass

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 190, 216, 148 Background



This preview shows how black text looks on a background with the RYB color 190, 216, 148.



This preview shows how white text looks on a background with the RYB color 190, 216, 148.

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
190, 216, 148

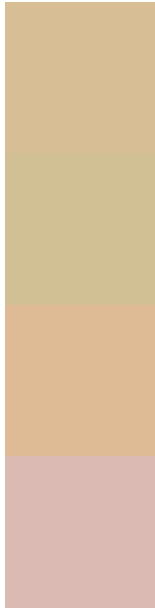
Protanopia
167, 207, 149

Deuteranopia
227, 219, 149



Tritanopia
222, 183, 198

Trichromacy



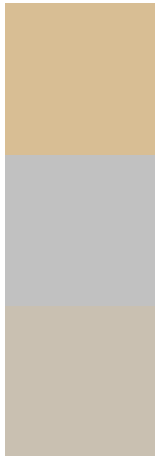
Original Color
190, 216, 148

Protanomaly
175, 210, 149

Deuteranomaly
219, 223, 149

Tritanomaly
220, 187, 180

Monochromacy



Original Color
190, 216, 148

Achromatopsia
193, 193, 193

Achromatomaly
191, 201, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 216, 148 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(216, 190, 148) looks like.

```
.text, #text, p{  
    color:rgb(216, 190, 148)  
}
```

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(216, 190, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 190, 148) }
```

Border

The CSS property to change the border of an element to RYB 190, 216, 148 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(216, 190, 148) }
```

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

```
.border{ border-color:rgb(216, 190, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 190, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 190, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 190, 148);  
box-shadow:4px 4px 4px 4px rgb(216, 190,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 190, 216, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 190, 148) }
```

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

```
.background{ background-color: rgb(216,  
190, 148) }
```

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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