

Converting Colors

`RYB(164, 193, 149)`

Have a look what the booklet for
RYB(164, 193, 149) contains.

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Color

R_YB(164, 193, 149)

Conversions

Conversions Part 1

Format	Color
Hex	C1B695
RGB	193, 182, 149
RGB Percent	76%, 71%, 58%
CMY	0.2431, 0.2870, 0.4157
CMYK	0.00, 0.06, 0.23, 0.24
HSL	45°, 26%, 67%
HSV	45°, 23%, 76%
XYZ	44.1069, 46.8870, 35.1592
YIQ	181.5270, 17.1490, -7.9310

Conversions

Conversions Part 2

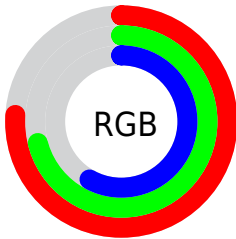
Format	Color
RYB	164, 193, 149
Decimal	12695189
CIELab	74.12, -1.33, 18.16
CIELCh	74, 18.213, 94.202
Yxy	46.8870, 0.3496, 0.3717
Android (android.graphics.Color)	4290885269 (0xFFC1B695)
YUV	181.5270, -16.0358, 10.0618
Hunter-Lab	68.4741, -4.8505, 17.4884

Details

The RYB color **164, 193, 149** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **149, 158, 193**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **219, 250, 203**, and **111, 139, 98** is the 20% darker color. If you saturate the color by 10%, you get **151, 193, 130**, and if you desaturate by 10%, it is **176, 193, 168**.

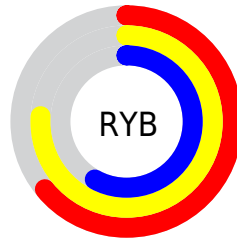
Distribution



Red (76%)

Green (71%)

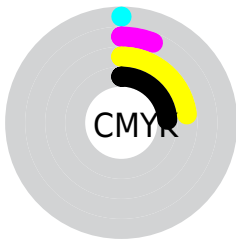
Blue (58%)



Red (64%)

Yellow (76%)

Blue (58%)

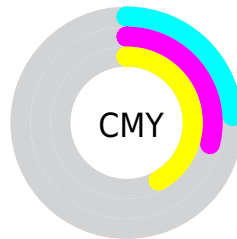


Cyan (0%)

Magenta (6%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (29%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 193, 149 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 164, 193, 149 by changing the saturation by 10% instead.

 164, 193, 149


255, 255, 255

 219, 250, 203


 231, 255, 231

 164, 193, 149

 138, 166, 123


 111, 139, 98

 86, 113, 74


 61, 88, 51

 39, 64, 30


 13, 42, 6

 4, 18, 0

 0, 0, 0

 164, 193, 149


 164, 193, 149


 151, 193, 130


 176, 193, 168

 138, 193, 110


 189, 193, 188

 126, 193, 91

 193, 196, 207

 114, 193, 72


 193, 199, 226

 101, 193, 53


 193, 203, 246

 88, 193, 33

 193, 207, 255

 76, 193, 14

 193, 210, 255

 66, 193, 0

 193, 212, 255

 193, 215, 255

Harmonies

Analogous

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



208, 193, 153



164, 193, 149



154, 187, 167

Triad

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



164, 193, 149



138, 167, 200



206, 173, 197

Complementary

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



164, 193, 149



149, 158, 193

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.



188, 177, 210



164, 193, 149



147, 172, 212

Square

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



164, 193, 149



142, 169, 192



166, 179, 215



216, 171, 180

Rectangle

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



164, 193, 149



162, 190, 190



166, 179, 215



201, 174, 202

Sweetspot

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



164, 193, 149



239, 250, 232



193, 149, 161



119, 125, 115



252, 252, 252



125, 125, 125

Same Dimension

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



164, 193, 149



205, 250, 182



149, 193, 159



91, 97, 87



55, 161, 0



11, 33, 0

Inverse Universe

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



149, 158, 193



182, 196, 250



159, 149, 193



87, 89, 97



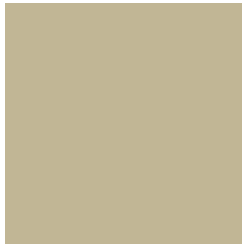
0, 33, 161



0, 6, 33

Previews

White Background



This preview shows how the RYB color 164, 193, 149 looks on a white background.

Color Contrast Check

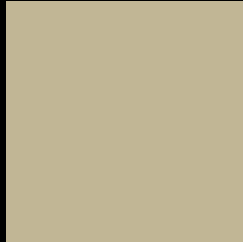
Large Text (above 18pt) WCAG AA × Fail

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 164, 193, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

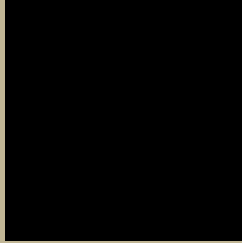
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

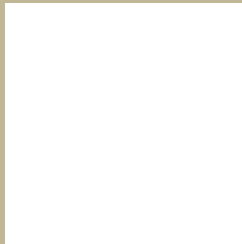
Any Text WCAG AAA ✓ Pass

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

RYB 164, 193, 149 Background



This preview shows how black text looks on a background with the RYB color 164, 193, 149.



This preview shows how white text looks on a background with the RYB color 164, 193, 149.

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
164, 193, 149

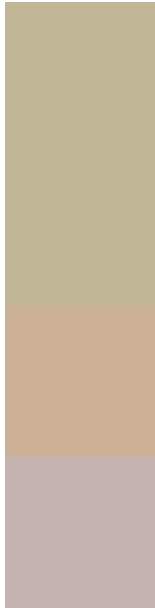
Protanopia
164, 193, 149

Deuteranopia
211, 192, 150



Tritanopia
198, 176, 190

Trichromacy



Original Color

164, 193, 149

Protanomaly

164, 193, 149

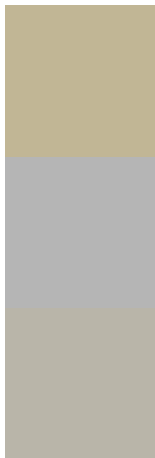
Deuteranomaly

204, 204, 150

Tritanomaly

196, 179, 175

Monochromacy



Original Color

164, 193, 149

Achromatopsia

181, 181, 181

Achromatomaly

174, 185, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 193, 149 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(193, 182, 149) looks like.

```
.text, #text, p{  
    color:rgb(193, 182, 149)  
}
```

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(193, 182, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 182, 149) }
```

Border

The CSS property to change the border of an element to RYB 164, 193, 149 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(193, 182, 149) }
```

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

```
.border{ border-color:rgb(193, 182, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 182, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 182, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 182, 149);  
box-shadow:4px 4px 4px 4px rgb(193, 182,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 164, 193, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 182, 149) }
```

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

```
.background{ background-color: rgb(193,  
182, 149) }
```

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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