

Converting Colors

`RYB(160, 193, 149)`

Have a look what the booklet for
RYB(160, 193, 149) contains.

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Color

R_YB(160, 193, 149)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C1B895 |
| RGB | 193, 184, 149 |
| RGB Percent | 76%, 72%, 58% |
| CMY | 0.2431, 0.2776, 0.4157 |
| CMYK | 0.00, 0.05, 0.23, 0.24 |
| HSL | 48°, 26%, 67% |
| HSV | 48°, 23%, 76% |
| XYZ | 44.5992, 47.8715, 35.3233 |
| YIQ | 182.7010, 16.5990, -8.9770 |

Conversions

Conversions Part 2

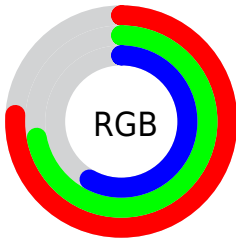
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 160, 193, 149 |
| Decimal | 12695701 |
| CIELab | 74.74, -2.60, 19.03 |
| CIELCh | 75, 19.207, 97.779 |
| Yxy | 47.8715, 0.3490, 0.3746 |
| Android (android.graphics.Color) | 4290885781 (0xFFC1B895) |
| YUV | 182.7010, -16.6146, 9.0322 |
| Hunter-Lab | 69.1892, -6.0206, 18.1631 |

Details

The RYB color **160, 193, 149** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **149, 156, 193**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **216, 250, 203**, and **108, 139, 98** is the 20% darker color. If you saturate the color by 10%, you get **146, 193, 130**, and if you desaturate by 10%, it is **174, 193, 168**.

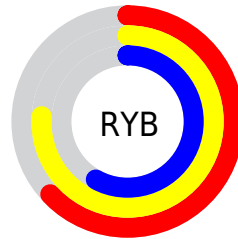
Distribution



Red (76%)

Green (72%)

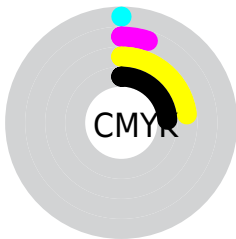
Blue (58%)



Red (63%)

Yellow (76%)

Blue (58%)

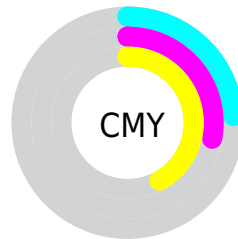


Cyan (0%)

Magenta (5%)

Yellow (23%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 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 160, 193, 149 by changing the saturation by 10% instead.

 160, 193, 149

255, 255, 255

 216, 250, 203

 231, 255, 231

 160, 193, 149

 134, 166, 123


 108, 139, 98

 83, 113, 74

 58, 88, 51

 36, 64, 30

 11, 42, 6


 1, 18, 0


 0, 0, 0

 160, 193, 149

 160, 193, 149

 146, 193, 130


 174, 193, 168

 131, 193, 110

 189, 193, 188

 116, 193, 91

 193, 195, 207

 102, 193, 72

 193, 199, 226

 88, 193, 53

 193, 201, 246

 73, 193, 33

 193, 204, 255

 59, 193, 14

 193, 207, 255

 49, 193, 0

 193, 209, 255

 193, 211, 255

Harmonies

Analogous

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



210, 199, 152



160, 193, 149



156, 189, 172

Triad

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



160, 193, 149



137, 168, 205



211, 173, 198

Complementary

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



160, 193, 149



149, 156, 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.



193, 178, 212



160, 193, 149



149, 174, 216

Square

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



160, 193, 149



140, 169, 194



170, 181, 219



220, 172, 180

Rectangle

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



160, 193, 149



160, 188, 192



170, 181, 219



206, 175, 203

Sweetspot

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



160, 193, 149



237, 250, 232



193, 149, 158



118, 125, 115



252, 252, 252



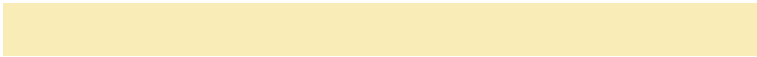
125, 125, 125

Same Dimension

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



160, 193, 149



200, 250, 182



149, 193, 161



90, 97, 87



40, 161, 0



7, 33, 0

Inverse Universe

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



149, 156, 193



182, 194, 250



162, 149, 193



87, 89, 97



0, 27, 161



0, 6, 33

Previews

White Background



This preview shows how the RYB color 160, 193, 149 looks on a white background.

Color Contrast Check

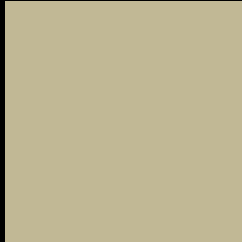
Large Text (above 18pt) WCAG AA × Fail

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 160, 193, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

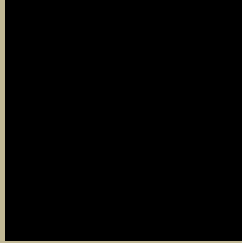
Any Text WCAG AA ✓ Pass

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 160, 193, 149 Background



This preview shows how black text looks on a background with the RYB color 160, 193, 149.



This preview shows how white text looks on a background with the RYB color 160, 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
160, 193, 149

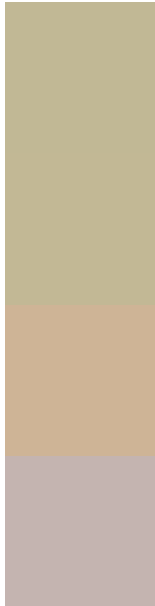
Protanopia
163, 195, 149

Deuteranopia
213, 197, 150



Tritanopia
198, 178, 192

Trichromacy



Original Color
160, 193, 149

Protanomaly
162, 194, 149

Deuteranomaly
199, 206, 150

Tritanomaly
196, 181, 176

Monochromacy



Original Color
160, 193, 149

Achromatopsia
183, 183, 183

Achromatomaly
176, 187, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 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, 184, 149) looks like.

```
.text, #text, p{  
    color:rgb(193, 184, 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, 184, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 184, 149) }
```

Border

The CSS property to change the border of an element to RYB 160, 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, 184, 149) }
```

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

```
.border{ border-color:rgb(193, 184, 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, 184, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 184, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 184, 149);  
box-shadow:4px 4px 4px 4px rgb(193, 184,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 160, 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, 184, 149) }
```

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

```
.background{ background-color: rgb(193,  
184, 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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