

Converting Colors

`RYB(193, 164, 143)`

Have a look what the booklet for
RYB(193, 164, 143) contains.

RYB(193, 164, 143)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(193, 164, 143)$

Conversions

Conversions Part 1

Format	Color
Hex	C19E8F
RGB	193, 158, 143
RGB Percent	76%, 62%, 56%
CMY	0.2431, 0.3812, 0.4392
CMYK	0.00, 0.18, 0.26, 0.24
HSL	18°, 29%, 66%
HSV	18°, 26%, 76%
XYZ	39.1411, 37.7023, 31.2009
YIQ	166.7550, 25.6750, 2.7550

Conversions

Conversions Part 2

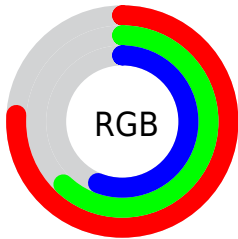
Format	Color
RYB	193, 164, 143
Decimal	12689039
CIELab	67.80, 10.78, 12.63
CIELCh	68, 16.606, 49.505
Yxy	37.7023, 0.3623, 0.3490
Android (android.graphics.Color)	4290879119 (0xFFC19E8F)
YUV	166.7550, -11.7112, 23.0169
Hunter-Lab	61.4022, 6.3317, 12.8539

Details

The RYB color **193, 164, 143** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **143, 164, 193**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **250, 220, 197**, and **139, 113, 93** is the 20% darker color. If you saturate the color by 10%, you get **193, 152, 124**, and if you desaturate by 10%, it is **193, 175, 162**.

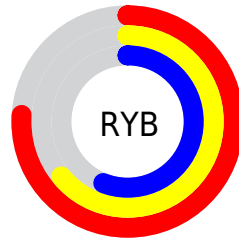
Distribution



Red (76%)

Green (62%)

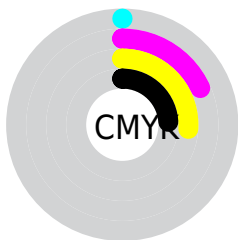
Blue (56%)



Red (76%)

Yellow (64%)

Blue (56%)

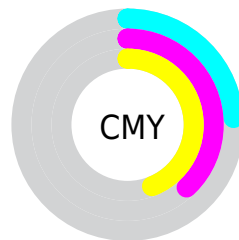


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 164, 143 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 193, 164, 143 by changing the saturation by 10% instead.

 193, 164, 143

255, 255, 255

 250, 218, 197

 251, 255, 225

253, 255, 253

 193, 164, 143


 165, 139, 117

 139, 111, 93

 113, 87, 69

 87, 64, 47

 63, 42, 26

 41, 29, 0

 3, 0, 0

 0, 0, 0

 193, 164, 143


 193, 164, 143


 193, 152, 124


 193, 175, 162

 193, 143, 104


 193, 186, 182

 193, 130, 85

 193, 196, 201

 193, 118, 66

 193, 204, 220

 193, 108, 47

 193, 212, 240

 193, 97, 27

 193, 219, 255

 193, 86, 8

 193, 223, 255

 193, 81, 0

 193, 224, 255

Harmonies

Analogous

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



197, 155, 156



193, 164, 143



171, 182, 136

Triad

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



193, 164, 143



134, 159, 174



161, 163, 193

Complementary

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



193, 164, 143



143, 164, 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.



142, 159, 194



193, 164, 143



126, 150, 175

Square

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



193, 164, 143



145, 171, 167



128, 153, 187



180, 158, 185

Rectangle

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



193, 164, 143



143, 172, 136



128, 153, 187



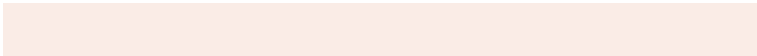
155, 163, 194

Sweetspot

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



193, 164, 143



250, 239, 230



193, 143, 179



125, 118, 112



252, 252, 252



125, 125, 125

Same Dimension

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



193, 164, 143



250, 205, 172



157, 193, 143



97, 91, 87



161, 68, 0



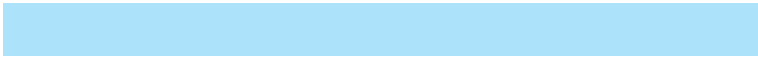
33, 14, 0

Inverse Universe

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



143, 164, 193



172, 204, 250



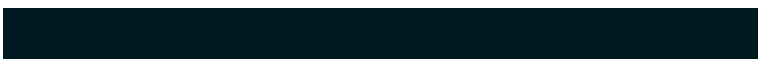
143, 152, 193



87, 91, 97



0, 66, 161



0, 14, 33

Previews

White Background



This preview shows how the RYB color 193, 164, 143 looks on a white background.

Color Contrast Check

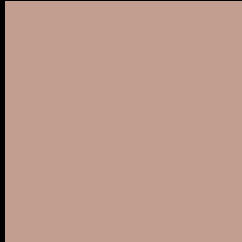
Large Text (above 18pt) WCAG AA × Fail

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 193, 164, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

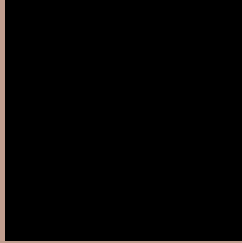
Any Text WCAG AA ✓ Pass

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](#).

RYP 193, 164, 143 Background



This preview shows how black text looks on a background with the RYP color 193, 164, 143.



This preview shows how white text looks on a background with the RYP color 193, 164, 143.

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
193, 164, 143

Protanopia
159, 173, 147

Deuteranopia
189, 168, 143



Tritanopia
196, 154, 166

Trichromacy



Original Color

193, 164, 143

Protanomaly

180, 176, 146

Deuteranomaly

190, 167, 143

Tritanomaly

195, 155, 158

Monochromacy



Original Color

193, 164, 143

Achromatopsia

167, 167, 167

Achromatomaly

176, 167, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 158, 143 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, 158, 143) looks like.

```
.text, #text, p{  
    color:rgb(193, 158, 143)  
}
```

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, 158, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 158, 143) }
```

Border

The CSS property to change the border of an element to RYB 193, 164, 143 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, 158, 143) }
```

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

```
.border{ border-color:rgb(193, 158, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 158, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 158, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 158, 143);  
box-shadow:4px 4px 4px 4px rgb(193, 158,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 193, 158, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 158, 143) }
```

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

```
.background{ background-color: rgb(193,  
158, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor