

Converting Colors

`RYB(190, 158, 130)`

Have a look what the booklet for
RYB(190, 158, 130) contains.

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Color

R_YB(190, 158, 130)

Conversions

Conversions Part 1

Format	Color
Hex	BE9582
RGB	190, 149, 130
RGB Percent	75%, 58%, 51%
CMY	0.2549, 0.4153, 0.4902
CMYK	0.00, 0.22, 0.32, 0.25
HSL	19°, 32%, 63%
HSV	19°, 32%, 75%
XYZ	36.0263, 34.0825, 25.7989
YIQ	159.0930, 30.5350, 2.7830

Conversions

Conversions Part 2

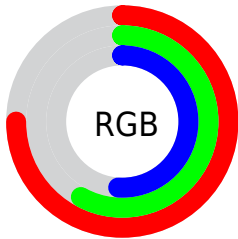
Format	Color
RYB	190, 158, 130
Decimal	12490114
CIELab	65.03, 12.59, 15.94
CIELCh	65, 20.318, 51.699
Yxy	34.0825, 0.3756, 0.3554
Android (android.graphics.Color)	4290680194 (0xFFBE9582)
YUV	159.0930, -14.3428, 27.1054
Hunter-Lab	58.3802, 7.9865, 14.6652

Details

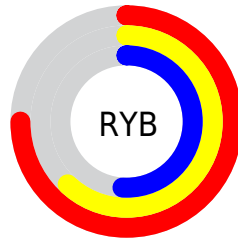
The RYB color **190, 158, 130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **130, 154, 190**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **247, 212, 183**, and **135, 106, 81** is the 20% darker color. If you saturate the color by 10%, you get **190, 148, 111**, and if you desaturate by 10%, it is **190, 168, 149**.

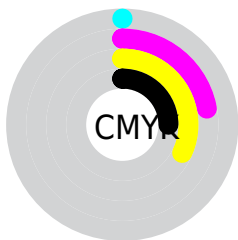
Distribution



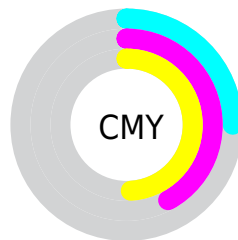
- Red (75%)
- Green (58%)
- Blue (51%)



- Red (75%)
- Yellow (62%)
- Blue (51%)



- Cyan (0%)
- Magenta (22%)
- Yellow (32%)
- Black (25%)




- Cyan (25%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 158, 130 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, 158, 130 by changing the saturation by 10% instead.


 190, 158, 130


255, 255, 255

 247, 212, 183

 255, 248, 211

 239, 255, 239

 190, 158, 130

 162, 131, 105

 135, 106, 81

 109, 81, 58


 84, 60, 36


 59, 38, 15


 37, 10, 0


 0, 0, 0


 190, 158, 130


 190, 148, 111


 190, 158, 130


 190, 168, 149


 190, 137, 92


 190, 178, 168

 190, 127, 73

 190, 189, 187

 190, 117, 54

 190, 197, 206

 190, 107, 35

 190, 204, 225

 190, 96, 16

 190, 212, 244

 190, 88, 0

 190, 218, 255

 190, 222, 255

 190, 223, 255

Harmonies

Analogous

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



195, 145, 145



190, 158, 130



156, 176, 122

Triad

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



190, 158, 130



118, 148, 168



154, 155, 191

Complementary

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



190, 158, 130



130, 154, 190

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.



130, 151, 193



190, 158, 130



107, 138, 171

Square

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



190, 158, 130



135, 165, 163



111, 143, 186



176, 149, 181

Rectangle

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



190, 158, 130



128, 164, 122



111, 143, 186



146, 155, 193

Sweetspot

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



190, 158, 130



247, 235, 225



190, 130, 171



125, 119, 111



252, 252, 252



125, 125, 125

Same Dimension

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



190, 158, 130



247, 197, 153



143, 190, 130



94, 90, 85



158, 73, 0



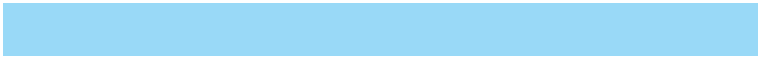
31, 15, 0

Inverse Universe

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



130, 154, 190



153, 191, 247



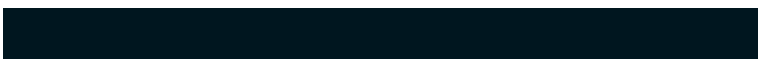
130, 139, 190



85, 89, 94



0, 64, 158



0, 13, 31

Previews

White Background



This preview shows how the RYB color 190, 158, 130 looks on a white background.

Color Contrast Check

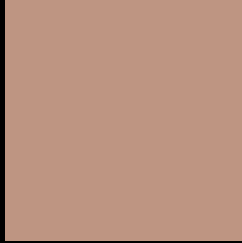
Large Text (above 18pt) WCAG AA × Fail

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, 158, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

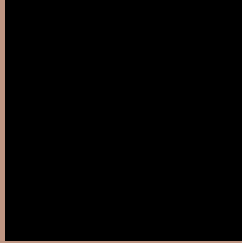
Any Text WCAG AA ✓ Pass

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, 158, 130 Background



This preview shows how black text looks on a background with the RYB color 190, 158, 130.



This preview shows how white text looks on a background with the RYB color 190, 158, 130.

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, 158, 130

Protanopia
145, 166, 134

Deuteranopia
183, 169, 129



Tritanopia

193, 145, 156

Trichromacy



Original Color

190, 158, 130

Protanomaly

171, 175, 133

Deuteranomaly

186, 165, 129

Tritanomaly

192, 146, 147

Monochromacy



Original Color

190, 158, 130

Achromatopsia

159, 159, 159

Achromatomaly

170, 158, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 158, 130 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(190, 149, 130)` looks like.

```
.text, #text, p{  
    color:rgb(190, 149, 130)  
}
```

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(190, 149, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 149, 130) }
```

Border

The CSS property to change the border of an element to RYB 190, 158, 130 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(190, 149, 130) }
```

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

```
.border{ border-color:rgb(190, 149, 130) }
```

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

Here you see how a box with a 4 pixel rgb(190, 149, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 149, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 149, 130);  
box-shadow:4px 4px 4px 4px rgb(190, 149,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 190, 158, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 149, 130) }
```

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

```
.background{ background-color: rgb(190,  
149, 130) }
```

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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