

Converting Colors

`RYB(199, 190, 128)`

Have a look what the booklet for
RYB(199, 190, 128) contains.

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Color

R_YB(199, 190, 128)

Conversions

Conversions Part 1

Format	Color
Hex	C7A180
RGB	199, 161, 128
RGB Percent	78%, 63%, 50%
CMY	0.2196, 0.3682, 0.4980
CMYK	0.00, 0.19, 0.36, 0.22
HSL	28°, 39%, 64%
HSV	28°, 36%, 78%
XYZ	40.2114, 39.2245, 25.8738
YIQ	168.6000, 33.2410, -2.2070

Conversions

Conversions Part 2

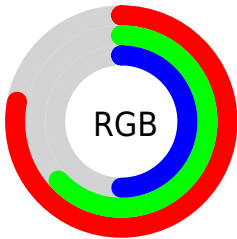
Format	Color
RYB	199, 190, 128
Decimal	13083008
CIELab	68.91, 9.35, 22.52
CIELCh	69, 24.386, 67.464
Yxy	39.2245, 0.3818, 0.3725
Android (android.graphics.Color)	4291273088 (0xFFC7A180)
YUV	168.6000, -20.0158, 26.6608
Hunter-Lab	62.6295, 5.0047, 19.3465

Details

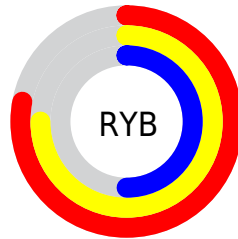
The RYB color **199, 190, 128** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **128, 153, 199**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 247, 181**, and **144, 135, 79** is the 20% darker color. If you saturate the color by 10%, you get **199, 186, 108**, and if you desaturate by 10%, it is **199, 193, 148**.

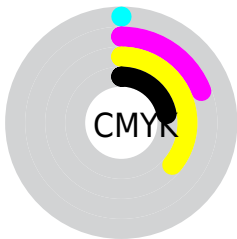
Distribution



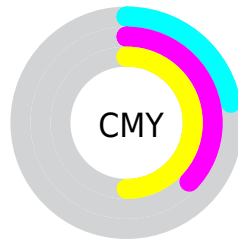
- Red (78%)
- Green (63%)
- Blue (50%)



- Red (78%)
- Yellow (75%)
- Blue (50%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (22%)



- Cyan (22%)
- Magenta (37%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 190, 128 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 199, 190, 128 by changing the saturation by 10% instead.

 199, 190, 128

255, 255, 255

 255, 247, 181

 223, 255, 209


 237, 255, 237

 199, 190, 128

 171, 163, 103

 144, 138, 79

 117, 113, 55

 91, 91, 33

 62, 66, 12

 43, 37, 0

 12, 0, 0

 0, 0, 0

 199, 190, 128

 199, 190, 128

 199, 186, 108

 199, 193, 148

 199, 186, 88

 199, 194, 168

 199, 182, 68

 199, 197, 188

 199, 182, 48

 199, 202, 208

 199, 178, 28

 199, 209, 228

 199, 173, 9

 199, 216, 247

 199, 175, 0

 199, 221, 255

 199, 225, 255

 199, 227, 255

Harmonies

Analogous

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



211, 158, 142



199, 190, 128



136, 179, 124

Triad

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



199, 190, 128



109, 147, 181



179, 161, 203

Complementary

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



199, 190, 128



128, 153, 199

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.



149, 164, 212



199, 190, 128



104, 145, 194

Square

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



199, 190, 128



129, 164, 179



120, 154, 208



201, 154, 186

Rectangle

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



199, 190, 128



129, 173, 139



120, 154, 208



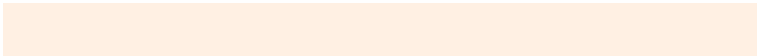
169, 163, 207

Sweetspot

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



199, 190, 128



255, 251, 227



199, 128, 167



128, 126, 111



0, 0, 0



128, 128, 128

Same Dimension

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



199, 190, 128



255, 240, 145



132, 199, 128



99, 97, 90



163, 142, 0



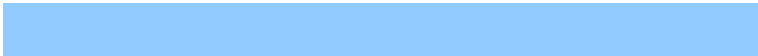
36, 32, 0

Inverse Universe

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



128, 153, 199



145, 183, 255



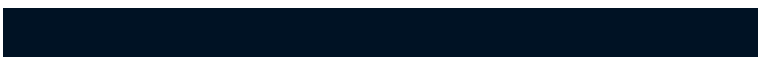
128, 132, 199



90, 93, 99



0, 57, 163



0, 12, 36

Previews

White Background



This preview shows how the RYB color 199, 190, 128 looks on a white background.

Color Contrast Check

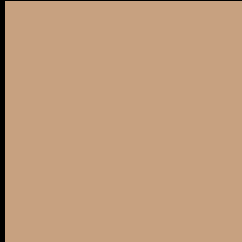
Large Text (above 18pt) WCAG AA × Fail

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 199, 190, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

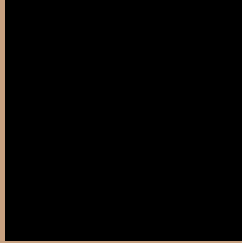
Any Text WCAG AA ✓ Pass

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](#).

R Y B 199, 190, 128 Background



This preview shows how black text looks on a background with the RYB color 199, 190, 128.



This preview shows how white text looks on a background with the RYB color 199, 190, 128.

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
199, 190, 128

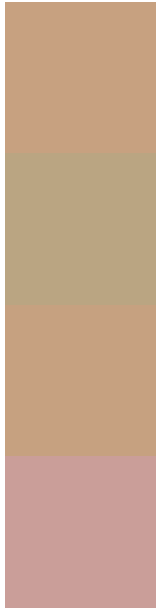
Protanopia
145, 179, 131

Deuteranopia
198, 190, 128



Tritanopia
203, 156, 168

Trichromacy



Original Color
199, 190, 128

Protanomaly
164, 186, 130

Deuteranomaly
198, 190, 128

Tritanomaly
202, 159, 153

Monochromacy



Original Color
199, 190, 128

Achromatopsia
169, 169, 169

Achromatomaly
180, 176, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 161, 128 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(199, 161, 128)` looks like.

```
.text, #text, p{  
    color:rgb(199, 161, 128)  
}
```

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(199, 161, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 161, 128) }
```

Border

The CSS property to change the border of an element to RYB 199, 190, 128 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(199, 161, 128) }
```

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

```
.border{ border-color:rgb(199, 161, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 161, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 161, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 161, 128); box-shadow:4px 4px 4px 4px rgb(199, 161, 128) }
```

Background

The CSS property to change the background color of an element to RYB 199, 190, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 161, 128) }
```

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

```
.background{ background-color: rgb(199,  
161, 128) }
```

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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