

Converting Colors

`RYB(174, 193, 128)`

Have a look what the booklet for
RYB(174, 193, 128) contains.

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Color

R_YB(174, 193, 128)

Conversions

Conversions Part 1

Format	Color
Hex	C1A680
RGB	193, 166, 128
RGB Percent	76%, 65%, 50%
CMY	0.2431, 0.3488, 0.4980
CMYK	0.00, 0.14, 0.34, 0.24
HSL	35°, 34%, 63%
HSV	35°, 34%, 76%
XYZ	39.5363, 40.1913, 26.0960
YIQ	169.7410, 28.2900, -6.0940

Conversions

Conversions Part 2

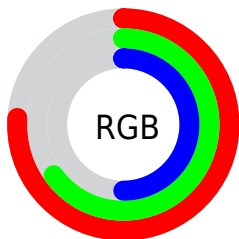
Format	Color
RYB	174, 193, 128
Decimal	12691072
CIELab	69.61, 4.25, 23.36
CIElCh	70, 23.747, 79.687
Yxy	40.1913, 0.3736, 0.3798
Android (android.graphics.Color)	4290881152 (0xFFC1A680)
YUV	169.7410, -20.5783, 20.3981
Hunter-Lab	63.3966, 0.3745, 19.9721

Details

The RYB color **174, 193, 128** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **128, 147, 193**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **231, 250, 181**, and **118, 138, 78** is the 20% darker color. If you saturate the color by 10%, you get **169, 193, 109**, and if you desaturate by 10%, it is **179, 193, 147**.

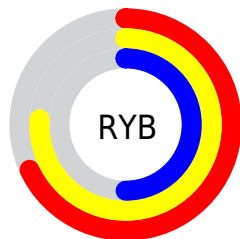
Distribution



Red (76%)

Green (65%)

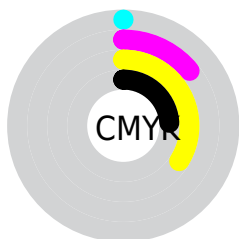
Blue (50%)



Red (68%)

Yellow (76%)

Blue (50%)

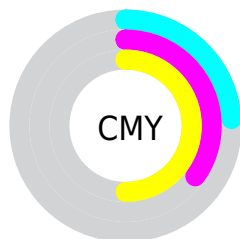


Cyan (0%)

Magenta (14%)

Yellow (34%)

Black (24%)



Cyan (24%)


Magenta (35%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 193, 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 174, 193, 128 by changing the saturation by 10% instead.

 174, 193, 128

255, 255, 255


 231, 250, 181


 215, 255, 209

 237, 255, 237

 174, 193, 128

 145, 165, 103

 118, 138, 78

 91, 112, 55


 67, 87, 33


 39, 62, 11

 24, 39, 0

 7, 0, 0


 0, 0, 0

 174, 193, 128

 174, 193, 128


 169, 193, 109


 179, 193, 147

 162, 193, 89

 186, 193, 167

 157, 193, 70


 191, 193, 186

 152, 193, 51

 193, 197, 205

 147, 193, 32

 193, 202, 225

 140, 193, 12

 193, 208, 244

 137, 193, 0

 193, 213, 255

 193, 216, 255

 193, 219, 255

Harmonies

Analogous

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



208, 168, 138



174, 193, 128



129, 173, 131

Triad

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



174, 193, 128



109, 146, 184



190, 160, 198

Complementary

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



174, 193, 128



128, 147, 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.



164, 167, 210



174, 193, 128



112, 151, 202

Square

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



174, 193, 128



123, 159, 182



134, 160, 212



208, 155, 178

Rectangle

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



174, 193, 128



136, 177, 158



134, 160, 212



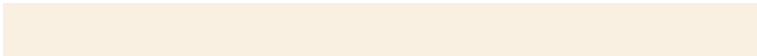
182, 162, 203

Sweetspot

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



174, 193, 128



242, 250, 225



193, 128, 155



120, 125, 110



252, 252, 252



125, 125, 125

Same Dimension

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



174, 193, 128



222, 250, 150



128, 193, 133



94, 97, 87



115, 161, 0



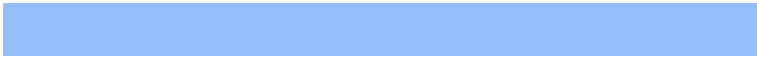
24, 33, 0

Inverse Universe

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



128, 147, 193



150, 179, 250



133, 128, 193



87, 90, 97



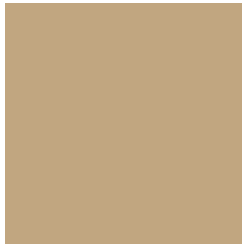
0, 47, 161



0, 10, 33

Previews

White Background



This preview shows how the RYB color 174, 193, 128 looks on a white background.

Color Contrast Check

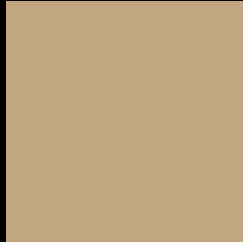
Large Text (above 18pt) WCAG AA × Fail

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 174, 193, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

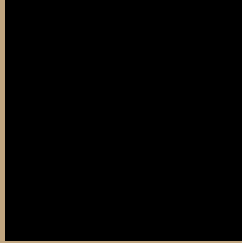
Any Text WCAG AA ✓ Pass

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 174, 193, 128 Background



This preview shows how black text looks on a background with the RYB color 174, 193, 128.



This preview shows how white text looks on a background with the RYB color 174, 193, 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
174, 193, 128

Protanopia
146, 182, 130

Deuteranopia
200, 194, 129



Tritanopia
198, 160, 173

Trichromacy



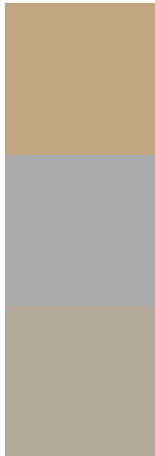
Original Color
174, 193, 128

Protanomaly
153, 186, 129

Deuteranomaly
193, 197, 129

Tritanomaly
196, 163, 157

Monochromacy



Original Color
174, 193, 128

Achromatopsia
170, 170, 170

Achromatomaly
170, 178, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 193, 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(193, 166, 128)` looks like.

```
.text, #text, p{  
    color:rgb(193, 166, 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(193, 166, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 166, 128) }
```

Border

The CSS property to change the border of an element to RYB 174, 193, 128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

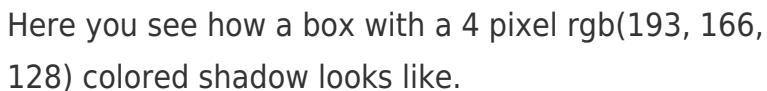
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 166, 128) }
```

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

```
.border{ border-color:rgb(193, 166, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 166, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 166, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 166, 128);  
box-shadow:4px 4px 4px 4px rgb(193, 166,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 174, 193, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 166, 128) }
```

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

```
.background{ background-color: rgb(193,  
166, 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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