

Converting Colors

`RYB(149, 170, 128)`

Have a look what the booklet for
RYB(149, 170, 128) contains.

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Color

R_YB(149, 170, 128)

Conversions

Conversions Part 1

Format	Color
Hex	AA9C80
RGB	170, 156, 128
RGB Percent	67%, 61%, 50%
CMY	0.3333, 0.3882, 0.4980
CMYK	0.00, 0.08, 0.25, 0.33
HSL	40°, 20%, 58%
HSV	40°, 25%, 67%
XYZ	32.3623, 33.8815, 25.2562
YIQ	156.9940, 17.3320, -5.7400

Conversions

Conversions Part 2

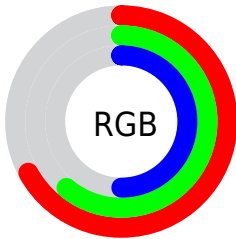
Format	Color
RYB	149, 170, 128
Decimal	11181184
CIELab	64.87, 0.57, 16.54
CIElCh	65, 16.553, 88.018
Yxy	33.8815, 0.3537, 0.3703
Android (android.graphics.Color)	4289371264 (0xFFAA9C80)
YUV	156.9940, -14.2940, 11.4063
Hunter-Lab	58.2078, -2.6214, 15.0197

Details

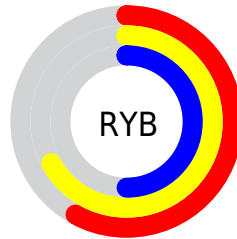
The RYB color **149, 170, 128** is a light color, and the websafe version is hex **999966**. A complement of this color would be **128, 139, 170**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **206, 226, 181**, and **97, 117, 79** is the 20% darker color. If you saturate the color by 10%, you get **141, 170, 111**, and if you desaturate by 10%, it is **157, 170, 145**.

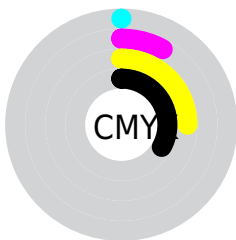
Distribution



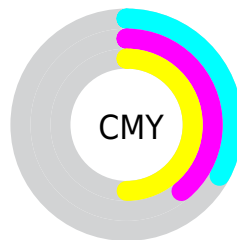
- Red (67%)
- Green (61%)
- Blue (50%)



- Red (58%)
- Yellow (67%)
- Blue (50%)



- Cyan (0%)
- Magenta (8%)
- Yellow (25%)
- Black (33%)



- Cyan (33%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 170, 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 149, 170, 128 by changing the saturation by 10% instead.


 149, 170, 128


255, 255, 255

 206, 226, 181

 230, 254, 208


 237, 255, 237

 149, 170, 128


 122, 143, 103

 97, 117, 79

 72, 92, 56


 48, 68, 34

 26, 45, 13


 10, 23, 0

 0, 0, 0

 149, 170, 128

 141, 170, 111

 149, 170, 128

 157, 170, 145

■ 131, 170, 94

■ 167, 170, 162

■ 124, 170, 77

■ 170, 172, 179

■ 116, 170, 60

■ 170, 177, 196

■ 106, 170, 43

■ 170, 181, 213

■ 98, 170, 26

■ 170, 185, 230

■ 90, 170, 9

■ 170, 189, 247

■ 86, 170, 0

■ 170, 193, 255

■ 170, 196, 255

Harmonies

Analogous

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



182, 161, 133



149, 170, 128



131, 161, 138

Triad

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



149, 170, 128



118, 143, 171



176, 149, 173

Complementary

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



149, 170, 128



128, 139, 170

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.



159, 154, 183



149, 170, 128



124, 147, 182

Square

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



149, 170, 128



123, 147, 166



139, 153, 187



186, 147, 159

Rectangle

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



149, 170, 128



137, 163, 157



139, 153, 187



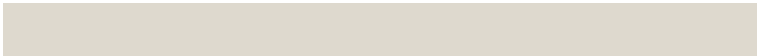
171, 151, 177

Sweetspot

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



149, 170, 128



213, 222, 206



170, 128, 142



108, 112, 103



240, 240, 240



112, 112, 112

Same Dimension

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



149, 170, 128



188, 222, 155



128, 170, 135



81, 84, 76



73, 148, 0



9, 20, 0

Inverse Universe

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



128, 139, 170



155, 172, 222



135, 128, 170



76, 78, 84



0, 37, 148



0, 5, 20

Previews

White Background



This preview shows how the RYB color 149, 170, 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 149, 170, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

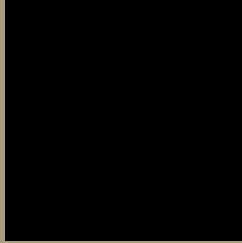
Any Text WCAG AA ✓ Pass

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](#).

RYB 149, 170, 128 Background



This preview shows how black text looks on a background with the RYB color 149, 170, 128.



This preview shows how white text looks on a background with the RYB color 149, 170, 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


149, 170, 128

Protanopia

143, 167, 129

Deuteranopia

182, 167, 129



Tritanopia
174, 151, 163

Trichromacy



Original Color
149, 170, 128

Protanomaly
144, 168, 129

Deuteranomaly
178, 176, 129

Tritanomaly
173, 153, 150

Monochromacy



Original Color
149, 170, 128

Achromatopsia
157, 157, 157

Achromatomaly
153, 162, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 170, 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(170, 156, 128) looks like.

```
.text, #text, p{  
    color:rgb(170, 156, 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(170, 156, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 156, 128) }
```

Border

The CSS property to change the border of an element to RYB 149, 170, 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(170, 156, 128) }
```

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

```
.border{ border-color:rgb(170, 156, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 156, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 156, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 156, 128);  
box-shadow:4px 4px 4px 4px rgb(170, 156,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 149, 170, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 156, 128) }
```

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

```
.background{ background-color: rgb(170,  
156, 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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