

Converting Colors

`RYB(140, 176, 149)`

Have a look what the booklet for
RYB(140, 176, 149) contains.

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Color

R_YB(140, 176, 149)

Conversions

Conversions Part 1

Format	Color
Hex	A7B08C
RGB	167, 176, 140
RGB Percent	65%, 69%, 55%
CMY	0.3451, 0.3098, 0.4510
CMYK	0.05, 0.00, 0.20, 0.31
HSL	75°, 19%, 62%
HSV	75°, 20%, 69%
XYZ	36.1953, 41.1596, 30.8478
YIQ	169.2050, 6.1920, -13.1040

Conversions

Conversions Part 2

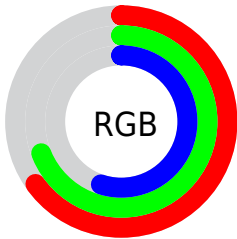
Format	Color
RYB	140, 176, 149
Decimal	10989708
CIELab	70.29, -9.51, 17.42
CIELCh	70, 19.844, 118.645
Yxy	41.1596, 0.3345, 0.3804
Android (android.graphics.Color)	4289179788 (0xFFA7B08C)
YUV	169.2050, -14.3981, -1.9338
Hunter-Lab	64.1558, -11.5667, 16.4008

Details

The RYB color **140, 176, 149** is a light color, and the websafe version is hex **999966**. A complement of this color would be **149, 140, 176**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **194, 232, 204**, and **90, 124, 99** is the 20% darker color. If you saturate the color by 10%, you get **122, 176, 135**, and if you desaturate by 10%, it is **158, 176, 163**.

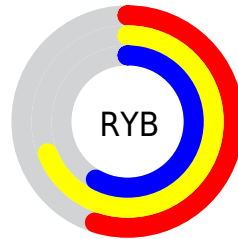
Distribution



Red (65%)

Green (69%)

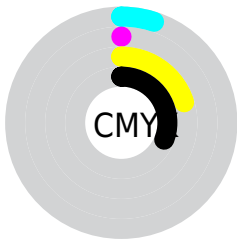
Blue (55%)



Red (55%)

Yellow (69%)

Blue (58%)

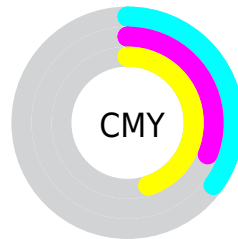


Cyan (5%)

Magenta (0%)

Yellow (20%)

Black (31%)



Cyan (35%)


Magenta (31%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 176, 149 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 140, 176, 149 by changing the saturation by 10% instead.


 140, 176, 149


255, 255, 255


 194, 232, 204

 222, 255, 226

 250, 255, 250

 140, 176, 149

 114, 149, 123

 90, 124, 99

 66, 99, 75


 44, 75, 53

 23, 52, 31

 0, 31, 6

 0, 2, 2

 0, 0, 0

 140, 176, 149

 140, 176, 149

■ 122, 176, 135

■ 158, 176, 163

■ 105, 176, 123

■ 175, 176, 175

■ 87, 176, 109

■ 180, 176, 193

■ 70, 176, 97

■ 185, 176, 210

■ 52, 176, 83

■ 189, 176, 228

■ 34, 176, 69

■ 193, 176, 246

■ 17, 176, 57

■ 198, 176, 255

■ 0, 176, 44

■ 202, 176, 255

■ 207, 176, 255

Harmonies

Analogous

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



162, 187, 136



140, 176, 149



146, 174, 180

Triad

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



140, 176, 149



130, 159, 202



207, 159, 173

Complementary

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



140, 176, 149



149, 140, 176

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.



195, 162, 191



140, 176, 149



150, 167, 207

Square

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



140, 176, 149



122, 153, 188



174, 168, 203



209, 161, 155

Rectangle

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



140, 176, 149



134, 164, 182



174, 168, 203



204, 160, 179

Sweetspot

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



140, 176, 149



216, 230, 220



176, 152, 140



107, 115, 109



242, 242, 242



115, 115, 115

Same Dimension

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



140, 176, 149



172, 230, 187



140, 176, 167



80, 89, 82



0, 153, 38



0, 26, 7

Inverse Universe

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



149, 140, 176



186, 172, 230



167, 140, 176



83, 80, 89



38, 0, 153



6, 0, 26

Previews

White Background



This preview shows how the RYB color 140, 176, 149 looks on a white background.

Color Contrast Check

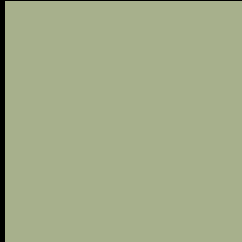
Large Text (above 18pt) WCAG AA × Fail

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 140, 176, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

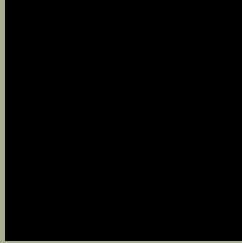
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

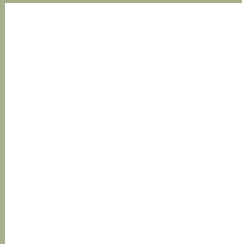
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 140, 176, 149 Background



This preview shows how black text looks on a background with the RYB color 140, 176, 149.



This preview shows how white text looks on a background with the RYB color 140, 176, 149.

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
140, 176, 149

Protanopia
153, 182, 138

Deuteranopia
199, 181, 142



Tritanopia
173, 170, 183

Trichromacy



Original Color

140, 176, 149

Protanomaly

143, 177, 139

Deuteranomaly

171, 187, 141

Tritanomaly

167, 172, 168

Monochromacy



Original Color

140, 176, 149

Achromatopsia

169, 169, 169

Achromatomaly

158, 172, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 176, 149 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(167, 176, 140)` looks like.

```
.text, #text, p{  
    color:rgb(167, 176, 140)  
}
```

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(167, 176, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 176, 140) }
```

Border

The CSS property to change the border of an element to RYB 140, 176, 149 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(167, 176, 140) }
```

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

```
.border{ border-color:rgb(167, 176, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 176, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 176, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 176, 140);  
box-shadow:4px 4px 4px 4px rgb(167, 176,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 140, 176, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 176, 140) }
```

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

```
.background{ background-color: rgb(167,  
176, 140) }
```

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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