

Converting Colors

`RYB(140, 196, 182)`

Have a look what the booklet for
RYB(140, 196, 182) contains.

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Color

R_YB(140, 196, 182)

Conversions

Conversions Part 1

Format	Color
Hex	9AC48C
RGB	154, 196, 140
RGB Percent	60%, 77%, 55%
CMY	0.3961, 0.2314, 0.4510
CMYK	0.21, 0.00, 0.29, 0.23
HSL	105°, 32%, 66%
HSV	105°, 29%, 77%
XYZ	37.8000, 48.2433, 32.1306
YIQ	177.0580, -7.0560, -26.3200

Conversions

Conversions Part 2

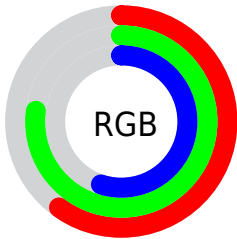
Format	Color
RYB	140, 196, 182
Decimal	10142860
CIELab	74.98, -24.45, 23.71
CIELCh	75, 34.057, 135.887
Yxy	48.2433, 0.3199, 0.4082
Android (android.graphics.Color)	4288332940 (0xFF9AC48C)
YUV	177.0580, -18.2696, -20.2219
Hunter-Lab	69.4574, -24.4076, 21.1930

Details

The RYB color **140, 196, 182** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **182, 140, 196**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **194, 253, 238**, and **89, 142, 129** is the 20% darker color. If you saturate the color by 10%, you get **120, 196, 177**, and if you desaturate by 10%, it is **160, 196, 187**.

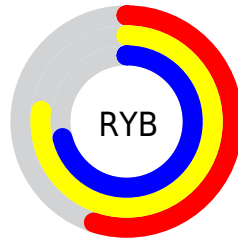
Distribution



Red (60%)

Green (77%)

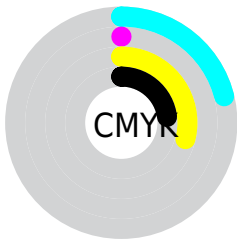
Blue (55%)



Red (55%)

Yellow (77%)

Blue (71%)

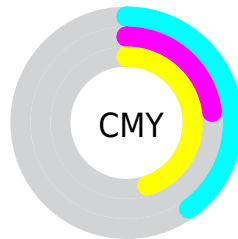


Cyan (21%)

Magenta (0%)

Yellow (29%)

Black (23%)



Cyan (40%)

Magenta (23%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 196, 182 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, 196, 182 by changing the saturation by 10% instead.

 140, 196, 182


255, 255, 255


 194, 253, 238


 222, 255, 239

 251, 255, 251


 140, 196, 182

 114, 169, 155

 89, 142, 129

 66, 116, 105

 43, 92, 82

 21, 68, 60


 0, 45, 39


 0, 26, 26


 0, 0, 0

 140, 196, 182


 140, 196, 182

 120, 196, 177


 160, 196, 187

 101, 196, 172


 179, 196, 192

 81, 196, 167


 198, 196, 199

 62, 196, 163

 213, 196, 218

 42, 196, 158

 228, 196, 238

 22, 196, 152

 242, 196, 255

 3, 196, 148

 255, 196, 255

 0, 196, 147

Harmonies

Analogous

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



125, 189, 124



140, 196, 182



117, 169, 201

Triad

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



140, 196, 182



120, 166, 245



247, 161, 169

Complementary

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



140, 196, 182



182, 140, 196

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.



237, 163, 201



140, 196, 182



168, 180, 245

Square

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



140, 196, 182



83, 148, 229



209, 171, 228



240, 176, 141

Rectangle

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



140, 196, 182



94, 151, 202



209, 171, 228



246, 161, 179

Sweetspot

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



140, 196, 182



232, 255, 249



159, 196, 140



113, 128, 124



0, 0, 0



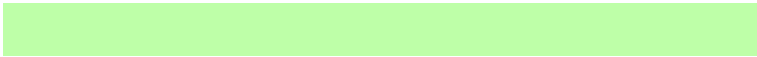
128, 128, 128

Same Dimension

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



140, 196, 182



168, 255, 233



140, 185, 196



87, 97, 94



0, 161, 121



0, 33, 25

Inverse Universe

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



182, 140, 196



233, 168, 255



196, 140, 182



94, 87, 97



120, 0, 161



25, 0, 33

Previews

White Background



This preview shows how the RYB color 140, 196, 182 looks on a white background.

Color Contrast Check

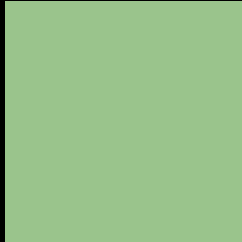
Large Text (above 18pt) WCAG AA × Fail

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, 196, 182 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, 196, 182 Background



This preview shows how black text looks on a background with the RYB color 140, 196, 182.

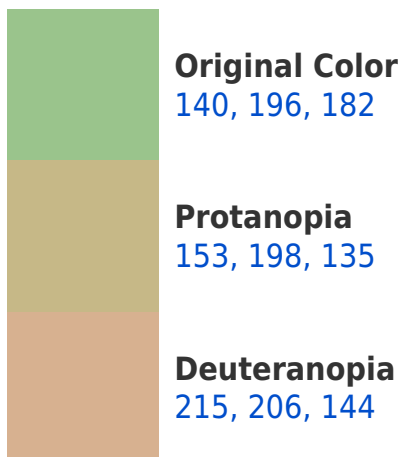


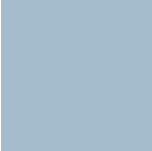
This preview shows how white text looks on a background with the RYB color 140, 196, 182.

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](#).

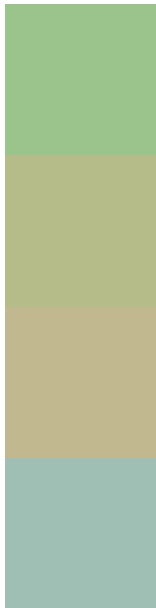
Dichromacy





Tritanopia
164, 179, 203

Trichromacy



Original Color
140, 196, 182

Protanomaly
137, 188, 143

Deuteranomaly
154, 193, 143

Tritanomaly
160, 179, 191

Monochromacy



Original Color
140, 196, 182

Achromatopsia
177, 177, 177

Achromatomaly
164, 184, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 196, 182 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(154, 196, 140)` looks like.

```
.text, #text, p{  
    color:rgb(154, 196, 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(154, 196, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 196, 140) }
```

Border

The CSS property to change the border of an element to RYB 140, 196, 182 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(154, 196, 140) }
```

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

```
.border{ border-color:rgb(154, 196, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 196, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 196, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 196, 140); box-shadow:4px 4px 4px 4px rgb(154, 196, 140) }
```

Background

The CSS property to change the background color of an element to RYB 140, 196, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 196, 140) }
```

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

```
.background{ background-color: rgb(154,  
196, 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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