

Converting Colors

`RYB(112, 185, 140)`

Have a look what the booklet for
RYB(112, 185, 140) contains.

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Color

R_YB(112, 185, 140)

Conversions

Conversions Part 1

Format	Color
Hex	9DB970
RGB	157, 185, 112
RGB Percent	62%, 73%, 44%
CMY	0.3843, 0.2745, 0.5608
CMYK	0.15, 0.00, 0.39, 0.27
HSL	83°, 34%, 58%
HSV	83°, 39%, 73%
XYZ	34.1782, 43.0359, 21.8346
YIQ	168.3060, 6.7450, -28.6390

Conversions

Conversions Part 2

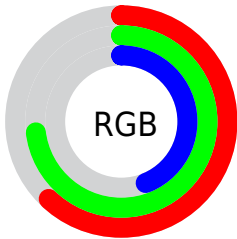
Format	Color
RYB	112, 185, 140
Decimal	10336624
CIELab	71.58, -21.94, 33.93
CIELCh	72, 40.410, 122.887
Yxy	43.0359, 0.3451, 0.4345
Android (android.graphics.Color)	4288526704 (0xFF9DB970)
YUV	168.3060, -27.7589, -9.9154
Hunter-Lab	65.6017, -21.8053, 26.1874

Details

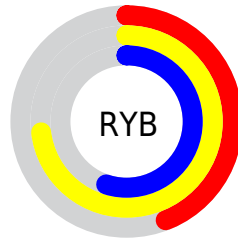
The RYB color **112, 185, 140** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **140, 112, 185**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **165, 241, 193**, and **63, 132, 91** is the 20% darker color. If you saturate the color by 10%, you get **94, 185, 129**, and if you desaturate by 10%, it is **131, 185, 152**.

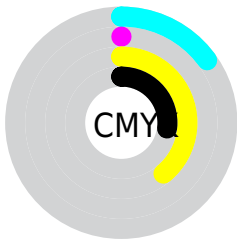
Distribution



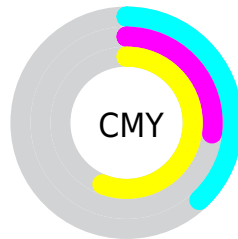
- Red (62%)
- Green (73%)
- Blue (44%)



- Red (44%)
- Yellow (73%)
- Blue (55%)



- Cyan (15%)
- Magenta (0%)
- Yellow (39%)
- Black (27%)




- Cyan (38%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 112, 185, 140 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 112, 185, 140 by changing the saturation by 10% instead.

 112, 185, 140


255, 255, 255


 165, 241, 193

 192, 255, 206

 220, 255, 220

 249, 255, 249

 112, 185, 140


 87, 158, 115

 63, 132, 91

 39, 107, 67

 14, 82, 41


 0, 59, 27

 0, 37, 32

 0, 11, 11

 0, 0, 0

 112, 185, 140

 112, 185, 140

■ 94, 185, 129

■ 131, 185, 152

■ 75, 185, 117

■ 149, 185, 163

■ 57, 185, 106

■ 168, 185, 175

■ 38, 185, 94

■ 185, 185, 186

■ 20, 185, 83

■ 192, 185, 205

■ 1, 185, 72

■ 200, 185, 223

■ 0, 185, 71

■ 207, 185, 242

■ 214, 185, 255

■ 221, 185, 255

Harmonies

Analogous

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



130, 196, 101



112, 185, 140



112, 171, 192

Triad

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



112, 185, 140



53, 131, 240



245, 146, 173

Complementary

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



112, 185, 140



140, 112, 185

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.



225, 152, 210



112, 185, 140



126, 163, 249

Square

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



112, 185, 140



0, 102, 214



184, 164, 237



244, 152, 137

Rectangle

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



112, 185, 140



77, 144, 194



184, 164, 237



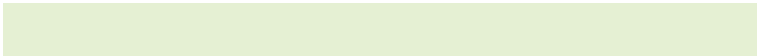
240, 147, 186

Sweetspot

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



112, 185, 140



211, 240, 222



185, 157, 112



103, 120, 110



247, 247, 247



120, 120, 120

Same Dimension

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



112, 185, 140



127, 240, 171



112, 185, 176



83, 92, 87



0, 156, 60



0, 28, 11

Inverse Universe

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



140, 112, 185



170, 127, 240



176, 112, 185



86, 83, 92



60, 0, 156



11, 0, 28

Previews

White Background



This preview shows how the RYB color 112, 185, 140 looks on a white background.

Color Contrast Check

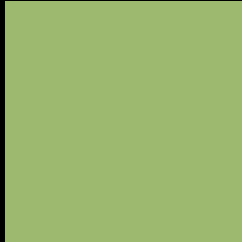
Large Text (above 18pt) WCAG AA × Fail

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 112, 185, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

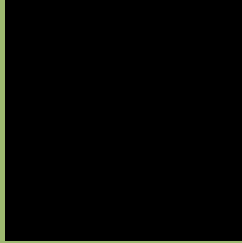
Any Text WCAG AA ✓ Pass

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 112, 185, 140 Background



This preview shows how black text looks on a background with the RYB color 112, 185, 140.

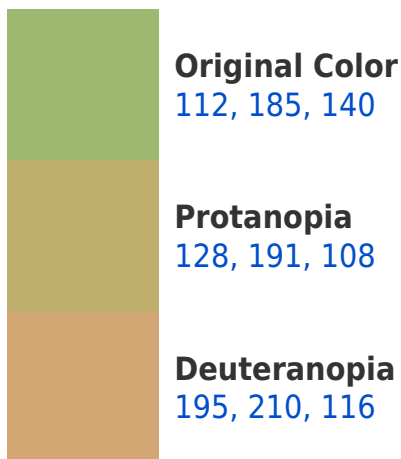


This preview shows how white text looks on a background with the RYB color 112, 185, 140.

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
168, 174, 190

Trichromacy



Original Color
112, 185, 140

Protanomaly
109, 179, 109

Deuteranomaly
137, 191, 115

Tritanomaly
162, 179, 177

Monochromacy



Original Color
112, 185, 140

Achromatopsia
168, 168, 168

Achromatomaly
148, 174, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 112, 185, 140 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(157, 185, 112)` looks like.

```
.text, #text, p{  
    color:rgb(157, 185, 112)  
}
```

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(157, 185, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 185, 112) }
```

Border

The CSS property to change the border of an element to RYB 112, 185, 140 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(157, 185, 112) }
```

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

```
.border{ border-color:rgb(157, 185, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 185, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 185, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 185, 112);  
box-shadow:4px 4px 4px 4px rgb(157, 185,  
112) }
```

Background

The CSS property to change the background color of an element to RYB 112, 185, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 185, 112) }
```

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

```
.background{ background-color: rgb(157,  
185, 112) }
```

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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