

Converting Colors

`RYB(110, 184, 142)`

Have a look what the booklet for
RYB(110, 184, 142) contains.

RYB(110, 184, 142)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(110, 184, 142)

Conversions

Conversions Part 1

Format	Color
Hex	98B86E
RGB	152, 184, 110
RGB Percent	60%, 72%, 43%
CMY	0.4039, 0.2784, 0.5686
CMYK	0.17, 0.00, 0.40, 0.28
HSL	86°, 34%, 58%
HSV	86°, 40%, 72%
XYZ	32.9039, 42.0822, 21.1403
YIQ	165.9960, 4.6820, -29.7980

Conversions

Conversions Part 2

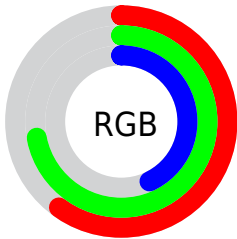
Format	Color
RYB	110, 184, 142
Decimal	10008686
CIELab	70.93, -23.61, 34.06
CIElCh	71, 41.445, 124.723
Yxy	42.0822, 0.3423, 0.4378
Android (android.graphics.Color)	4288198766 (0xFF98B86E)
YUV	165.9960, -27.6060, -12.2745
Hunter-Lab	64.8708, -22.9848, 26.0879

Details

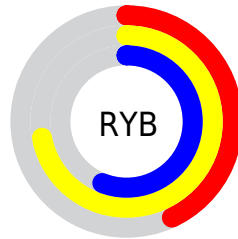
The RYB color **110, 184, 142** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **142, 110, 184**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **163, 240, 196**, and **61, 131, 92** is the 20% darker color. If you saturate the color by 10%, you get **92, 184, 132**, and if you desaturate by 10%, it is **128, 184, 152**.

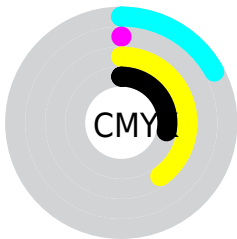
Distribution



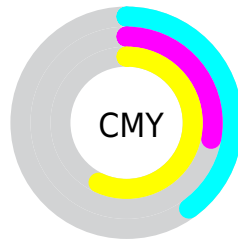
- Red (60%)
- Green (72%)
- Blue (43%)



- Red (43%)
- Yellow (72%)
- Blue (56%)



- Cyan (17%)
- Magenta (0%)
- Yellow (40%)
- Black (28%)




- Cyan (40%)
- Magenta (28%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 184, 142 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 110, 184, 142 by changing the saturation by 10% instead.

 110, 184, 142


255, 255, 255


 163, 240, 196


 190, 255, 209

 218, 255, 218

 247, 255, 247

 110, 184, 142

 85, 157, 117

 61, 131, 92

 37, 106, 69

 12, 81, 43


 0, 58, 31


 0, 36, 36

 0, 6, 6


 0, 0, 0

 110, 184, 142


 110, 184, 142

 92, 184, 132


 128, 184, 152

 73, 184, 121


 147, 184, 163


 55, 184, 111


 165, 184, 173


 36, 184, 100

 184, 184, 184


 18, 184, 90


 192, 184, 202

 0, 184, 80

 200, 184, 220

 208, 184, 239

 216, 184, 255

 224, 184, 255

Harmonies

Analogous

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



121, 192, 97



110, 184, 142



105, 166, 191

Triad

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



110, 184, 142



47, 128, 241



245, 143, 169

Complementary

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



110, 184, 142



142, 110, 184

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.



226, 149, 207



110, 184, 142



127, 161, 248

Square

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



110, 184, 142



0, 101, 215



185, 162, 236



243, 150, 133

Rectangle

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



110, 184, 142



66, 137, 193



185, 162, 236



241, 144, 182

Sweetspot

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



110, 184, 142



211, 240, 224



184, 163, 110



103, 120, 110



247, 247, 247



120, 120, 120

Same Dimension

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



110, 184, 142



125, 240, 175



110, 184, 178



83, 92, 87



0, 156, 68



0, 28, 12

Inverse Universe

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



142, 110, 184



174, 125, 240



178, 110, 184



87, 83, 92



67, 0, 156



12, 0, 28

Previews

White Background



This preview shows how the RYB color 110, 184, 142 looks on a white background.

Color Contrast Check

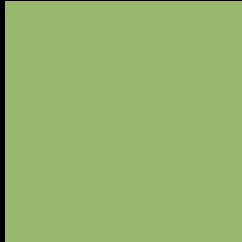
Large Text (above 18pt) WCAG AA × Fail

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 110, 184, 142 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 110, 184, 142 Background



This preview shows how black text looks on a background with the RYB color 110, 184, 142.



This preview shows how white text looks on a background with the RYB color 110, 184, 142.

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
110, 184, 142

Protanopia
126, 189, 106

Deuteranopia
190, 208, 114



Tritanopia
163, 171, 189

Trichromacy



Original Color

110, 184, 142

Protanomaly

107, 177, 108

Deuteranomaly

132, 188, 113

Tritanomaly

159, 177, 178

Monochromacy



Original Color

110, 184, 142

Achromatopsia

166, 166, 166

Achromatomaly

146, 173, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 110, 184, 142 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(152, 184, 110)` looks like.

```
.text, #text, p{  
    color:rgb(152, 184, 110)  
}
```

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(152, 184, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 184, 110) }
```

Border

The CSS property to change the border of an element to RYB 110, 184, 142 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(152, 184, 110) }
```

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

```
.border{ border-color:rgb(152, 184, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 184, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 184, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 184, 110);  
box-shadow:4px 4px 4px 4px rgb(152, 184,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 110, 184, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 184, 110) }
```

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

```
.background{ background-color: rgb(152,  
184, 110) }
```

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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