

Converting Colors

`RYB(112, 194, 141)`

Have a look what the booklet for
RYB(112, 194, 141) contains.

RYB(112, 194, 141)	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(112, 194, 141)

Conversions

Conversions Part 1

Format	Color
Hex	A5C270
RGB	165, 194, 112
RGB Percent	65%, 76%, 44%
CMY	0.3529, 0.2392, 0.5608
CMYK	0.15, 0.00, 0.42, 0.24
HSL	81°, 40%, 60%
HSV	81°, 42%, 76%
XYZ	37.7335, 47.7528, 22.5577
YIQ	175.9810, 9.0380, -31.6500

Conversions

Conversions Part 2

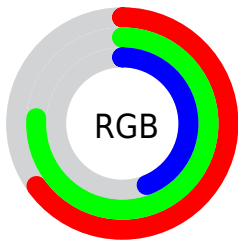
Format	Color
RYB	112, 194, 141
Decimal	10863216
CIELab	74.67, -23.33, 37.98
CIELCh	75, 44.578, 121.564
Yxy	47.7528, 0.3492, 0.4420
Android (android.graphics.Color)	4289053296 (0xFFA5C270)
YUV	175.9810, -31.5426, -9.6303
Hunter-Lab	69.1034, -23.4621, 29.0181

Details

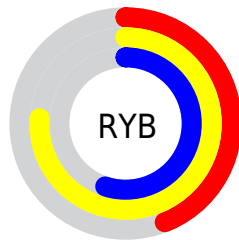
The RYB color **112, 194, 141** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **141, 112, 194**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **165, 251, 195**, and **62, 140, 90** is the 20% darker color. If you saturate the color by 10%, you get **93, 194, 129**, and if you desaturate by 10%, it is **131, 194, 153**.

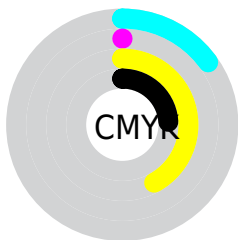
Distribution



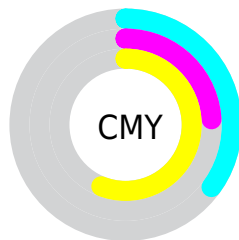
- Red (65%)
- Green (76%)
- Blue (44%)



- Red (44%)
- Yellow (76%)
- Blue (55%)



- Cyan (15%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)



- Cyan (35%)
- Magenta (24%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 112, 194, 141 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, 194, 141 by changing the saturation by 10% instead.

 112, 194, 141


255, 255, 255


 165, 251, 195

 192, 255, 197

 221, 255, 221


 249, 255, 249

 112, 194, 141

 87, 167, 116

 62, 140, 90

 38, 115, 67

 11, 90, 40


 0, 66, 29

 0, 44, 33

 0, 25, 25

 0, 0, 0

 112, 194, 141

 112, 194, 141

■ 93, 194, 129

■ 131, 194, 153

■ 73, 194, 116

■ 151, 194, 166

■ 54, 194, 104

■ 170, 194, 178

■ 34, 194, 90

■ 190, 194, 192

■ 15, 194, 78

■ 199, 194, 209

■ 0, 194, 69

■ 206, 194, 228

■ 213, 194, 248

■ 220, 194, 255

■ 227, 194, 255

Harmonies

Analogous

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



134, 208, 100



112, 194, 141



114, 180, 202

Triad

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



112, 194, 141



9, 116, 255



255, 151, 183

Complementary

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



112, 194, 141



141, 112, 194

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, 158, 223



112, 194, 141



124, 167, 255

Square

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



112, 194, 141



0, 107, 225



191, 172, 254



255, 156, 143

Rectangle

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



112, 194, 141



72, 149, 205



191, 172, 254



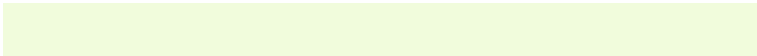
255, 152, 197

Sweetspot

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



112, 194, 141



220, 252, 231



194, 157, 112



107, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



112, 194, 141



124, 252, 169



112, 194, 182



87, 97, 91



0, 161, 57



0, 33, 12

Inverse Universe

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



141, 112, 194



169, 124, 252



182, 112, 194



91, 87, 97



57, 0, 161



12, 0, 33

Previews

White Background



This preview shows how the RYB color 112, 194, 141 looks on a white background.

Color Contrast Check

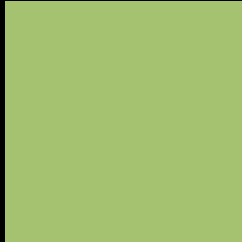
Large Text (above 18pt) WCAG AA × Fail

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, 194, 141 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 112, 194, 141 Background



This preview shows how black text looks on a background with the RYB color 112, 194, 141.

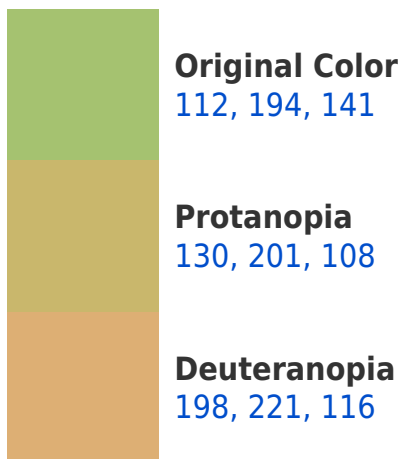


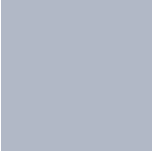
This preview shows how white text looks on a background with the RYB color 112, 194, 141.

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
177, 182, 198

Trichromacy



Original Color

112, 194, 141

Protanomaly

110, 188, 109

Deuteranomaly

139, 201, 115

Tritanomaly

167, 188, 182

Monochromacy



Original Color

112, 194, 141

Achromatopsia

176, 176, 176

Achromatomaly

153, 183, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 194, 141 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(165, 194, 112)` looks like.

```
.text, #text, p{  
    color:rgb(165, 194, 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(165, 194, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 194, 112) }
```

Border

The CSS property to change the border of an element to RYB 112, 194, 141 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(165, 194, 112) }
```

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

```
.border{ border-color:rgb(165, 194, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 194, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 194, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 194, 112);  
box-shadow:4px 4px 4px 4px rgb(165, 194,  
112) }
```

Background

The CSS property to change the background color of an element to RYB 112, 194, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 194, 112) }
```

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

```
.background{ background-color: rgb(165,  
194, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor