

Converting Colors

`RYB(108, 214, 154)`

Have a look what the booklet for
RYB(108, 214, 154) contains.

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Color

R_YB(108, 214, 154)

Conversions

Conversions Part 1

Format	Color
Hex	A8D66C
RGB	168, 214, 108
RGB Percent	66%, 84%, 42%
CMY	0.3412, 0.1608, 0.5765
CMYK	0.21, 0.00, 0.50, 0.16
HSL	86°, 56%, 63%
HSV	86°, 50%, 84%
XYZ	42.9018, 57.5007, 23.0249
YIQ	188.1620, 6.6100, -42.7180

Conversions

Conversions Part 2

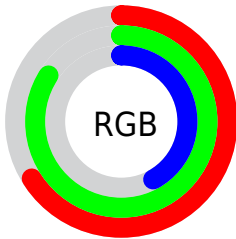
Format	Color
RYB	108, 214, 154
Decimal	11064940
CIELab	80.46, -32.23, 47.16
CIELCh	80, 57.120, 124.354
Yxy	57.5007, 0.3476, 0.4659
Android (android.graphics.Color)	4289255020 (0xFFA8D66C)
YUV	188.1620, -39.5199, -17.6821
Hunter-Lab	75.8292, -31.7114, 35.0775

Details

The RYB color **108, 214, 154** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **154, 108, 214**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **162, 255, 192**, and **56, 159, 102** is the 20% darker color. If you saturate the color by 10%, you get **87, 214, 142**, and if you desaturate by 10%, it is **129, 214, 166**.

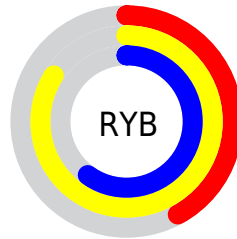
Distribution



Red (66%)

Green (84%)

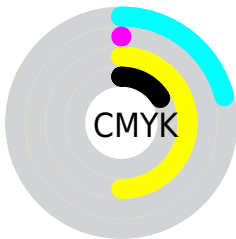
Blue (42%)



Red (42%)

Yellow (84%)

Blue (60%)

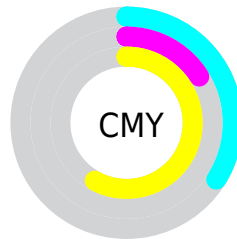


Cyan (21%)

Magenta (0%)

Yellow (50%)

Black (16%)



Cyan (34%)

Magenta (16%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 214, 154 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 108, 214, 154 by changing the saturation by 10% instead.

 108, 214, 154

255, 255, 255


 162, 255, 192


 189, 255, 190


 218, 255, 218


 247, 255, 247

 108, 214, 154


 82, 186, 128


 56, 159, 102

 30, 133, 76


 0, 107, 46

 0, 83, 49

 0, 59, 58

 0, 38, 38

 0, 3, 3

 0, 0, 0

■ 108, 214, 154

■ 108, 214, 154

■ 87, 214, 142

■ 129, 214, 166

■ 65, 214, 130

■ 151, 214, 178

■ 44, 214, 118

■ 172, 214, 190

■ 22, 214, 105

■ 194, 214, 203

■ 1, 214, 93

■ 214, 214, 215

■ 0, 214, 93

■ 224, 214, 236

■ 233, 214, 255

■ 242, 214, 255

■ 252, 214, 255

Harmonies

Analogous

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



120, 224, 89



108, 214, 154



95, 184, 223

Triad

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



108, 214, 154



0, 117, 255



255, 154, 194

Complementary

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



108, 214, 154



154, 108, 214

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.



255, 163, 247



108, 214, 154



120, 171, 255

Square

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



108, 214, 154



0, 120, 255



214, 183, 255



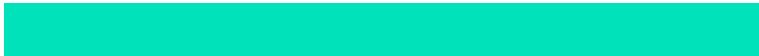
255, 166, 142

Rectangle

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



108, 214, 154



0, 124, 226



214, 183, 255



255, 155, 212

Sweetspot

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



108, 214, 154



217, 255, 234



214, 189, 108



105, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



108, 214, 154



105, 255, 170



108, 214, 207



96, 107, 101



0, 171, 74



0, 43, 18

Inverse Universe

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



154, 108, 214



170, 105, 255



207, 108, 214



101, 96, 107



74, 0, 171



19, 0, 43

Previews

White Background



This preview shows how the RYB color 108, 214, 154 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 108, 214, 154 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 108, 214, 154 Background



This preview shows how black text looks on a background with the RYB color 108, 214, 154.

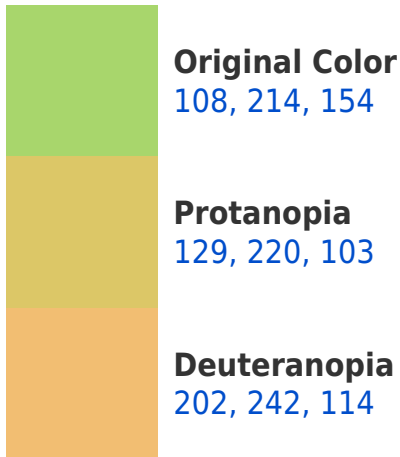



This preview shows how white text looks on a background with the RYB color 108, 214, 154.

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
183, 195, 218

Trichromacy



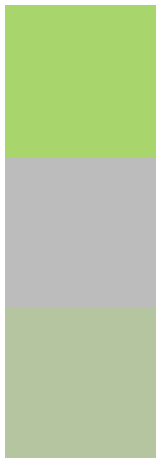
Original Color
108, 214, 154

Protanomaly
105, 204, 108

Deuteranomaly
131, 215, 112

Tritanomaly
178, 206, 206

Monochromacy



Original Color
108, 214, 154

Achromatopsia
188, 188, 188

Achromatomaly
159, 197, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 214, 154 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(168, 214, 108)` looks like.

```
.text, #text, p{  
    color:rgb(168, 214, 108)  
}
```

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(168, 214, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 214, 108) }
```

Border

The CSS property to change the border of an element to RYB 108, 214, 154 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(168, 214, 108) }
```

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

```
.border{ border-color:rgb(168, 214, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 214, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 214, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 214, 108); box-shadow:4px 4px 4px 4px rgb(168, 214, 108) }
```

Background

The CSS property to change the background color of an element to RYB 108, 214, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 214, 108) }
```

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

```
.background{ background-color: rgb(168,  
214, 108) }
```

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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