

Converting Colors

`RYB(122, 210, 154)`

Have a look what the booklet for
RYB(122, 210, 154) contains.

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Color

R_YB(122, 210, 154)

Conversions

Conversions Part 1

Format	Color
Hex	B2D27A
RGB	178, 210, 122
RGB Percent	70%, 82%, 48%
CMY	0.3020, 0.1765, 0.5216
CMYK	0.15, 0.00, 0.42, 0.18
HSL	82°, 49%, 65%
HSV	82°, 42%, 82%
XYZ	44.9195, 56.9633, 27.0399
YIQ	190.4000, 9.1760, -34.1520

Conversions

Conversions Part 2

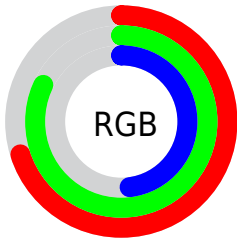
Format	Color
RYB	122, 210, 154
Decimal	11719290
CIELab	80.16, -25.01, 40.08
CIELCh	80, 47.244, 121.968
Yxy	56.9633, 0.3484, 0.4418
Android (android.graphics.Color)	4289909370 (0xFFB2D27A)
YUV	190.4000, -33.7212, -10.8748
Hunter-Lab	75.4740, -25.8425, 31.5902

Details

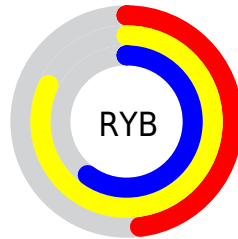
The RYB color **122, 210, 154** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **154, 122, 210**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **176, 255, 196**, and **71, 155, 102** is the 20% darker color. If you saturate the color by 10%, you get **101, 210, 141**, and if you desaturate by 10%, it is **143, 210, 167**.

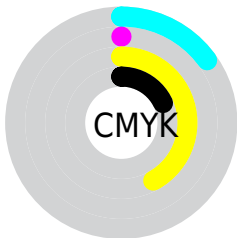
Distribution



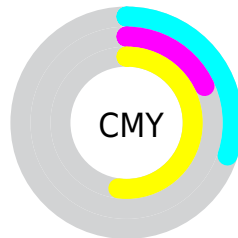
- Red (70%)
- Green (82%)
- Blue (48%)



- Red (48%)
- Yellow (82%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (42%)
- Black (18%)



- Cyan (30%)
- Magenta (18%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 210, 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 122, 210, 154 by changing the saturation by 10% instead.

 122, 210, 154


255, 255, 255


 176, 255, 196


 203, 255, 203


 232, 255, 232

 122, 210, 154

 96, 182, 127

 71, 155, 102

 47, 129, 78

 21, 104, 53

 0, 80, 33

 0, 57, 34

 0, 35, 35

 0, 1, 1

 0, 0, 0

 122, 210, 154

 122, 210, 154

 101, 210, 141

 143, 210, 167

 80, 210, 127

 164, 210, 181

 59, 210, 114

 185, 210, 194

 38, 210, 101

 206, 210, 207

 17, 210, 87

 216, 210, 227

 0, 210, 76

 224, 210, 248

 231, 210, 255

 239, 210, 255

 247, 210, 255

Harmonies

Analogous

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



144, 224, 109



122, 210, 154



124, 194, 218

Triad

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



122, 210, 154



17, 125, 255



255, 163, 198

Complementary

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



122, 210, 154



154, 122, 210

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, 171, 241



122, 210, 154



135, 178, 255

Square

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



122, 210, 154



0, 116, 244



207, 186, 255



255, 170, 154

Rectangle

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



122, 210, 154



78, 160, 221



207, 186, 255



255, 165, 213

Sweetspot

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



122, 210, 154



222, 255, 234



210, 170, 122



107, 128, 115



0, 0, 0



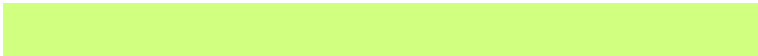
128, 128, 128

Same Dimension

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



122, 210, 154



128, 255, 174



122, 210, 197



94, 105, 98



0, 168, 61



0, 41, 15

Inverse Universe

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



154, 122, 210



174, 128, 255



197, 122, 210



98, 94, 105



61, 0, 168



15, 0, 41

Previews

White Background



This preview shows how the RYB color 122, 210, 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 122, 210, 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 122, 210, 154 Background



This preview shows how black text looks on a background with the RYB color 122, 210, 154.



This preview shows how white text looks on a background with the RYB color 122, 210, 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



Original Color
122, 210, 154

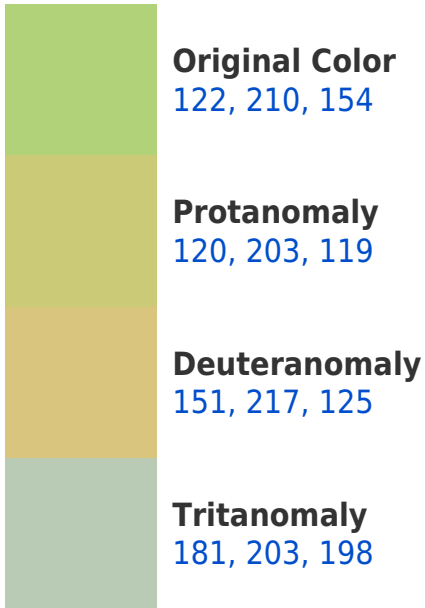
Protanopia
142, 217, 118

Deuteranopia
214, 239, 127

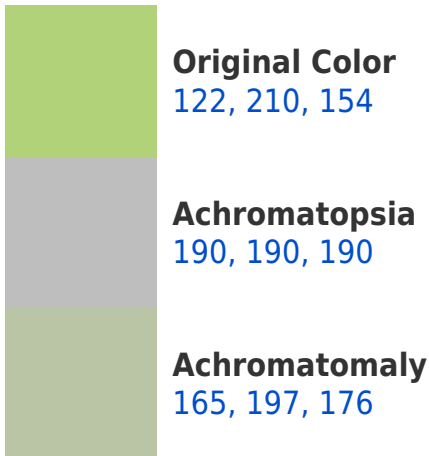


Tritanopia
190, 197, 215

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 210, 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(178, 210, 122)` looks like.

```
.text, #text, p{  
    color:rgb(178, 210, 122)  
}
```

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(178, 210, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 210, 122) }
```

Border

The CSS property to change the border of an element to RYB 122, 210, 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(178, 210, 122) }
```

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

```
.border{ border-color:rgb(178, 210, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 210, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 210, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 210, 122);  
box-shadow:4px 4px 4px 4px rgb(178, 210,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 122, 210, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 210, 122) }
```

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

```
.background{ background-color: rgb(178,  
210, 122) }
```

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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