

Converting Colors

`RYB(122, 225, 189)`

Have a look what the booklet for
RYB(122, 225, 189) contains.

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Color

R_YB(122, 225, 189)

Conversions

Conversions Part 1

Format	Color
Hex	9EE17A
RGB	158, 225, 122
RGB Percent	62%, 88%, 48%
CMY	0.3804, 0.1176, 0.5216
CMYK	0.30, 0.00, 0.46, 0.12
HSL	99°, 63%, 68%
HSV	99°, 46%, 88%
XYZ	44.5386, 62.5247, 28.1334
YIQ	193.2250, -6.8690, -46.2370

Conversions

Conversions Part 2

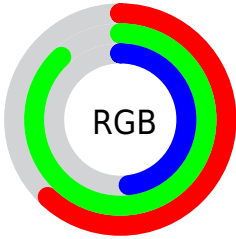
Format	Color
RYB	122, 225, 189
Decimal	10412410
CIELab	83.19, -39.19, 43.64
CIElCh	83, 58.650, 131.927
Yxy	62.5247, 0.3294, 0.4625
Android (android.graphics.Color)	4288602490 (0xFF9EE17A)
YUV	193.2250, -35.1139, -30.8923
Hunter-Lab	79.0725, -37.8345, 34.2559

Details

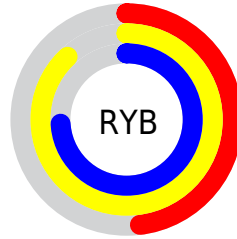
The RYB color **122, 225, 189** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **189, 122, 225**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **176, 255, 216**, and **71, 169, 137** is the 20% darker color. If you saturate the color by 10%, you get **100, 225, 182**, and if you desaturate by 10%, it is **145, 225, 197**.

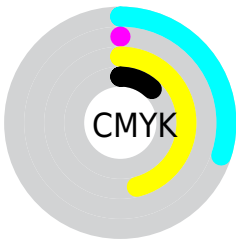
Distribution



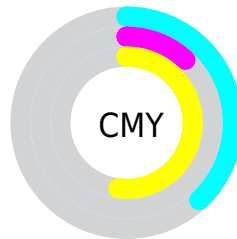
- Red (62%)
- Green (88%)
- Blue (48%)



- Red (48%)
- Yellow (88%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (46%)
- Black (12%)



- Cyan (38%)
- Magenta (12%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 225, 189 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, 225, 189 by changing the saturation by 10% instead.

 122, 225, 189


255, 255, 255

 176, 255, 216


 204, 255, 215

 233, 255, 233

 122, 225, 189

 96, 197, 163

 71, 169, 137


 45, 142, 111

 18, 116, 85

 0, 91, 75

 0, 67, 67

 0, 45, 45

 0, 19, 19

 0, 0, 0

 122, 225, 189

 122, 225, 189

 100, 225, 182

 145, 225, 197

 77, 225, 173

 167, 225, 205


 55, 225, 166

 190, 225, 213

 32, 225, 158

 212, 225, 220

 10, 225, 150

 231, 225, 235

 0, 225, 146

 246, 225, 255

 255, 225, 255

Harmonies

Analogous

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



104, 219, 95



122, 225, 189



71, 171, 233

Triad

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



122, 225, 189



0, 119, 255



255, 161, 187

Complementary

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



122, 225, 189



189, 122, 225

Split Complementary

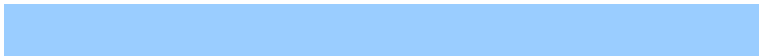
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 166, 243



122, 225, 189



154, 188, 255

Square

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



122, 225, 189



0, 121, 255



240, 184, 255



255, 188, 136

Rectangle

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



122, 225, 189



0, 124, 235



240, 184, 255



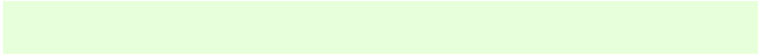
255, 160, 206

Sweetspot

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



122, 225, 189



219, 255, 242



177, 225, 122



106, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



122, 225, 189



115, 255, 206



122, 212, 225



101, 112, 108



0, 176, 115



0, 48, 31

Inverse Universe

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



189, 122, 225



206, 115, 255



225, 122, 210



108, 101, 112



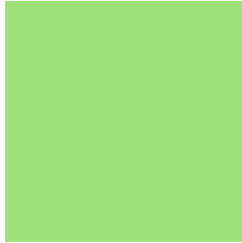
114, 0, 176



32, 0, 48

Previews

White Background



This preview shows how the RYB color 122, 225, 189 looks on a white background.

Color Contrast Check

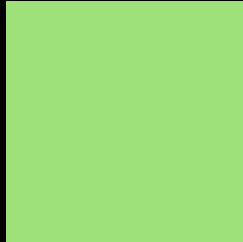
Large Text (above 18pt) WCAG AA × Fail

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, 225, 189 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, 225, 189 Background



This preview shows how black text looks on a background with the RYB color 122, 225, 189.

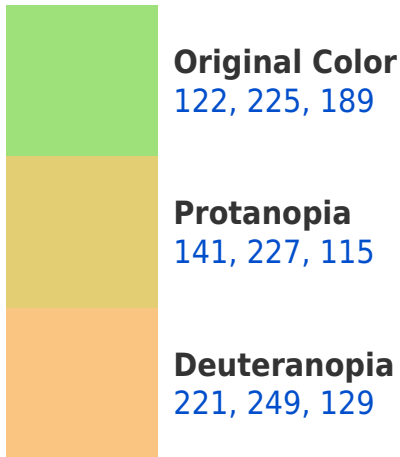


This preview shows how white text looks on a background with the RYB color 122, 225, 189.

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
175, 197, 230

Trichromacy



Original Color

122, 225, 189



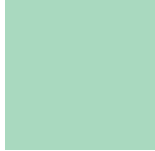
Protanomaly

118, 213, 129



Deuteranomaly

136, 216, 126



Tritanomaly

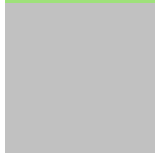
169, 202, 217

Monochromacy



Original Color

122, 225, 189



Achromatopsia

193, 193, 193



Achromatomaly

167, 205, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 225, 189 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(158, 225, 122)` looks like.

```
.text, #text, p{  
    color:rgb(158, 225, 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(158, 225, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 225, 122) }
```

Border

The CSS property to change the border of an element to RYB 122, 225, 189 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(158, 225, 122) }
```

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

```
.border{ border-color:rgb(158, 225, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 225, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 225, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 225, 122); box-shadow:4px 4px 4px 4px rgb(158, 225, 122) }
```

Background

The CSS property to change the background color of an element to RYB 122, 225, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 225, 122) }
```

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

```
.background{ background-color: rgb(158,  
225, 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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