

Converting Colors

`RYB(123, 212, 193)`

Have a look what the booklet for
RYB(123, 212, 193) contains.

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Color

`RYB(123, 212, 193)`

Conversions

Conversions Part 1

Format	Color
Hex	8ED47B
RGB	142, 212, 123
RGB Percent	56%, 83%, 48%
CMY	0.4431, 0.1686, 0.5176
CMYK	0.33, 0.00, 0.42, 0.17
HSL	107°, 51%, 66%
HSV	107°, 42%, 83%
XYZ	38.2740, 54.2678, 27.1964
YIQ	180.9240, -13.1510, -42.5190

Conversions

Conversions Part 2

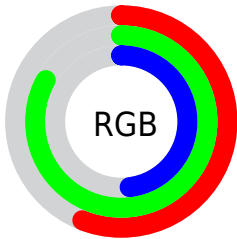
Format	Color
RYB	123, 212, 193
Decimal	9360507
CIELab	78.62, -38.61, 37.18
CIELCh	79, 53.600, 136.081
Yxy	54.2678, 0.3196, 0.4532
Android (android.graphics.Color)	4287550587 (0xFF8ED47B)
YUV	180.9240, -28.5565, -34.1363
Hunter-Lab	73.6667, -36.1760, 29.6779

Details

The RYB color **123, 212, 193** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **193, 123, 212**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **177, 255, 234**, and **72, 157, 141** is the 20% darker color. If you saturate the color by 10%, you get **102, 212, 189**, and if you desaturate by 10%, it is **144, 212, 197**.

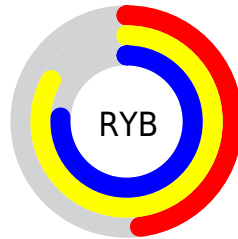
Distribution



Red (56%)

Green (83%)

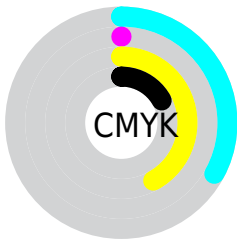
Blue (48%)



Red (48%)

Yellow (83%)

Blue (76%)

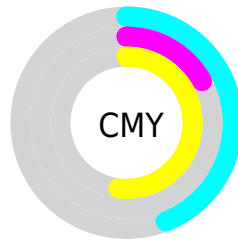


Cyan (33%)

Magenta (0%)

Yellow (42%)

Black (17%)



Cyan (44%)

Magenta (17%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 123, 212, 193 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 123, 212, 193 by changing the saturation by 10% instead.

 123, 212, 193


255, 255, 255


 177, 255, 234


 204, 255, 232

 233, 255, 233


 123, 212, 193

 97, 184, 166

 72, 157, 141

 48, 130, 117

 23, 105, 95

 0, 80, 80

 0, 56, 56

 0, 36, 36

 0, 0, 0

 123, 212, 193

 123, 212, 193

 102, 212, 189

 144, 212, 197

 81, 212, 184

 165, 212, 202

 59, 212, 179

 187, 212, 207

 38, 212, 175

 208, 212, 211

 17, 212, 170

 225, 212, 229

 0, 212, 167

 242, 212, 250

 255, 212, 255

Harmonies

Analogous

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



95, 200, 97



123, 212, 193



60, 154, 219

Triad

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



123, 212, 193



22, 125, 255



255, 154, 170

Complementary

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



123, 212, 193



193, 123, 212

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, 156, 220



123, 212, 193



161, 183, 255

Square

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



123, 212, 193



0, 117, 255



233, 171, 255



255, 185, 125

Rectangle

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



123, 212, 193



0, 114, 220



233, 171, 255



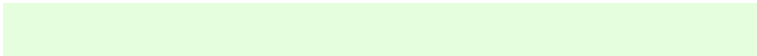
255, 153, 186

Sweetspot

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



123, 212, 193



222, 255, 248



147, 212, 123



107, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



123, 212, 193



128, 255, 228



123, 192, 212



96, 107, 104



0, 171, 135



0, 43, 34

Inverse Universe

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



193, 123, 212



228, 128, 255



212, 123, 187



105, 96, 107



134, 0, 171



34, 0, 43

Previews

White Background



This preview shows how the RYB color 123, 212, 193 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 123, 212, 193 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](#).

R Y B 123, 212, 193 Background



This preview shows how black text looks on a background with the RYB color 123, 212, 193.



This preview shows how white text looks on a background with the RYB color 123, 212, 193.

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](#).

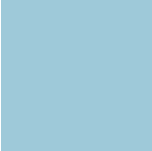
Dichromacy



Original Color
123, 212, 193

Protanopia
138, 212, 116

Deuteranopia
215, 232, 129



Tritanopia
158, 183, 217

Trichromacy



Original Color

123, 212, 193



Protanomaly

119, 201, 133



Deuteranomaly

131, 199, 127



Tritanomaly

152, 185, 205

Monochromacy



Original Color

123, 212, 193



Achromatopsia

181, 181, 181



Achromatomaly

160, 192, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 123, 212, 193 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(142, 212, 123)` looks like.

```
.text, #text, p{  
    color:rgb(142, 212, 123)  
}
```

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(142, 212, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 212, 123) }
```

Border

The CSS property to change the border of an element to RYB 123, 212, 193 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(142, 212, 123) }
```

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

```
.border{ border-color:rgb(142, 212, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 212, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 212, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 212, 123);  
box-shadow:4px 4px 4px 4px rgb(142, 212,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 123, 212, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 212, 123) }
```

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

```
.background{ background-color: rgb(142,  
212, 123) }
```

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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