

Converting Colors

`RYB(142, 208, 197)`

Have a look what the booklet for
RYB(142, 208, 197) contains.

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Color

R_YB(142, 208, 197)

Conversions

Conversions Part 1

Format	Color
Hex	99D08E
RGB	153, 208, 142
RGB Percent	60%, 82%, 56%
CMY	0.4000, 0.1843, 0.4431
CMYK	0.26, 0.00, 0.32, 0.18
HSL	110°, 41%, 69%
HSV	110°, 32%, 82%
XYZ	40.5752, 53.8370, 33.8442
YIQ	184.0310, -11.5940, -32.1860

Conversions

Conversions Part 2

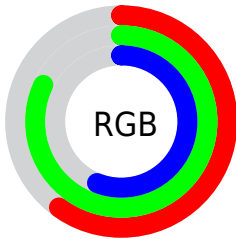
Format	Color
RYB	142, 208, 197
Decimal	10080398
CIELab	78.37, -30.27, 27.22
CIELCh	78, 40.711, 138.035
Yxy	53.8370, 0.3164, 0.4198
Android (android.graphics.Color)	4288270478 (0xFF99D08E)
YUV	184.0310, -20.7213, -27.2142
Hunter-Lab	73.3737, -29.6946, 24.0136

Details

The RYB color **142, 208, 197** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **197, 142, 208**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **196, 255, 242**, and **91, 153, 144** is the 20% darker color. If you saturate the color by 10%, you get **121, 208, 193**, and if you desaturate by 10%, it is **163, 208, 201**.

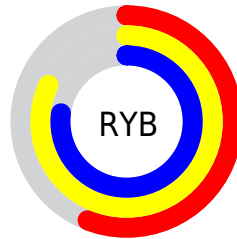
Distribution



Red (60%)

Green (82%)

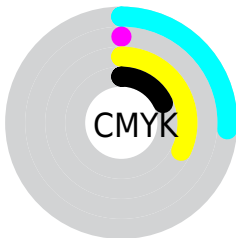
Blue (56%)



Red (56%)

Yellow (82%)

Blue (77%)

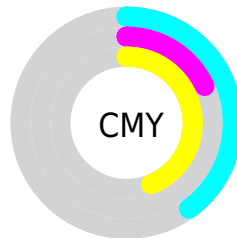


Cyan (26%)

Magenta (0%)

Yellow (32%)

Black (18%)



Cyan (40%)

Magenta (18%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 208, 197 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 142, 208, 197 by changing the saturation by 10% instead.

 142, 208, 197


255, 255, 255


 196, 255, 242


 224, 255, 242

253, 255, 253


 142, 208, 197

 116, 180, 170


 91, 153, 144

 67, 127, 119

 44, 102, 97

 21, 77, 75

 0, 54, 54

 0, 34, 34

 0, 0, 0

 142, 208, 197

 142, 208, 197

 121, 208, 193

 163, 208, 201

 100, 208, 190

 184, 208, 204

 80, 208, 187

 204, 208, 207

 59, 208, 183

 222, 208, 225

 38, 208, 180

 240, 208, 246

 17, 208, 176

 255, 208, 255

 0, 208, 173

Harmonies

Analogous

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



121, 199, 124



142, 208, 197



105, 170, 213

Triad

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



142, 208, 197



113, 168, 255



255, 165, 172

Complementary

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



142, 208, 197



197, 142, 208

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, 211



142, 208, 197



176, 188, 255

Square

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



142, 208, 197



50, 139, 249



226, 176, 245



255, 189, 139

Rectangle

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



142, 208, 197



70, 145, 214



226, 176, 245



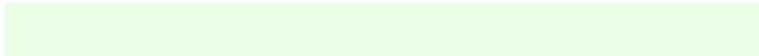
255, 164, 185

Sweetspot

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



142, 208, 197



230, 255, 251



155, 208, 142



112, 128, 125



0, 0, 0



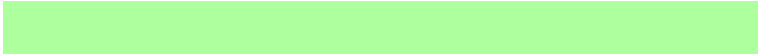
128, 128, 128

Same Dimension

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



142, 208, 197



158, 255, 239



142, 192, 208



94, 105, 103



0, 168, 140



0, 41, 34

Inverse Universe

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



197, 142, 208



239, 158, 255



208, 142, 186



103, 94, 105



140, 0, 168



34, 0, 41

Previews

White Background



This preview shows how the RYB color 142, 208, 197 looks on a white background.

Color Contrast Check

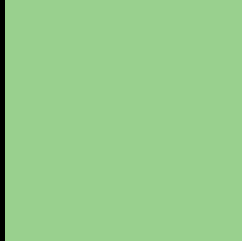
Large Text (above 18pt) WCAG AA × Fail

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 142, 208, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

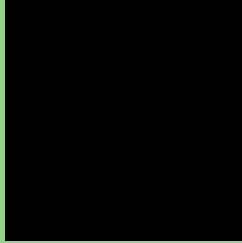
Any Text WCAG AA ✓ Pass

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 142, 208, 197 Background



This preview shows how black text looks on a background with the RYB color 142, 208, 197.

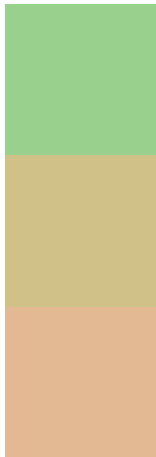


This preview shows how white text looks on a background with the RYB color 142, 208, 197.

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](#).

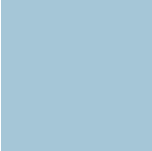
Dichromacy



Original Color
142, 208, 197

Protanopia
155, 208, 136

Deuteranopia
227, 219, 147



Tritanopia
165, 185, 215

Trichromacy



Original Color
142, 208, 197

Protanomaly
138, 198, 148

Deuteranomaly
153, 200, 145

Tritanomaly
161, 186, 202

Monochromacy



Original Color
142, 208, 197

Achromatopsia
184, 184, 184

Achromatomaly
169, 193, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 208, 197 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(153, 208, 142)` looks like.

```
.text, #text, p{  
    color:rgb(153, 208, 142)  
}
```

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(153, 208, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 208, 142) }
```

Border

The CSS property to change the border of an element to RYB 142, 208, 197 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(153, 208, 142) }
```

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

```
.border{ border-color:rgb(153, 208, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 208, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 208, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 208, 142);  
box-shadow:4px 4px 4px 4px rgb(153, 208,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 142, 208, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 208, 142) }
```

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

```
.background{ background-color: rgb(153,  
208, 142) }
```

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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