

Converting Colors

`RYB(162, 207, 209)`

Have a look what the booklet for
RYB(162, 207, 209) contains.

RYB(162, 207, 209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(162, 207, 209)

Conversions

Conversions Part 1

Format	Color
Hex	A2D1A4
RGB	162, 209, 164
RGB Percent	64%, 82%, 64%
CMY	0.3647, 0.1804, 0.3565
CMYK	0.22, 0.00, 0.21, 0.18
HSL	123°, 34%, 73%
HSV	123°, 22%, 82%
XYZ	44.4096, 55.9659, 43.6259
YIQ	189.8170, -13.5670, -23.9590

Conversions

Conversions Part 2

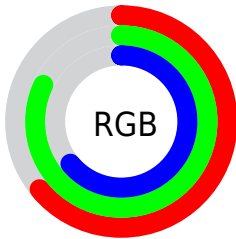
Format	Color
RYB	162, 207, 209
Decimal	10670500
CIELab	79.59, -24.06, 17.37
CIELCh	80, 29.677, 144.164
Yxy	55.9659, 0.3084, 0.3886
Android (android.graphics.Color)	4288860580 (0xFFA2D1A4)
YUV	189.8170, -12.7278, -24.3955
Hunter-Lab	74.8103, -24.9552, 17.7921

Details

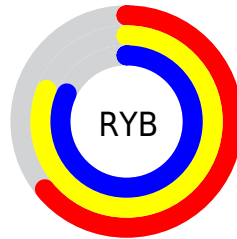
The RYB color **162, 207, 209** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **209, 162, 207**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **218, 254, 255**, and **109, 151, 154** is the 20% darker color. If you saturate the color by 10%, you get **141, 206, 209**, and if you desaturate by 10%, it is **183, 208, 209**.

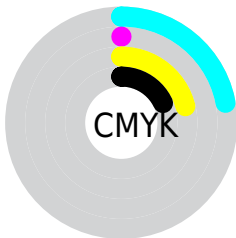
Distribution



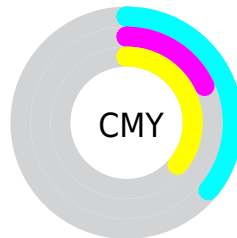
- Red (64%)
- Green (82%)
- Blue (64%)



- Red (64%)
- Yellow (81%)
- Blue (82%)



- Cyan (22%)
- Magenta (0%)
- Yellow (21%)
- Black (18%)



- Cyan (36%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 207, 209 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 162, 207, 209 by changing the saturation by 10% instead.

 162, 207, 209

255, 255, 255


 218, 254, 255

 246, 253, 255

 162, 207, 209

 135, 178, 181

 109, 151, 154

 84, 124, 128

 60, 99, 103

 36, 74, 79

 10, 46, 55

 0, 34, 34

 0, 0, 0

 162, 207, 209

 162, 207, 209

 141, 206, 209

 183, 208, 209

 120, 205, 209

 204, 209, 209

 99, 204, 209

 225, 209, 224

 78, 203, 209

 246, 209, 244

 58, 203, 209

 255, 209, 255

 37, 202, 209

 16, 201, 209

 0, 200, 209

Harmonies

Analogous

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



146, 202, 154



162, 207, 209



132, 178, 212

Triad

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



162, 207, 209



155, 186, 252



253, 178, 176

Complementary

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



162, 207, 209



209, 162, 207

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.



248, 177, 204



162, 207, 209



194, 192, 248

Square

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



162, 207, 209



123, 173, 241



228, 183, 230



244, 200, 153

Rectangle

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



162, 207, 209



118, 166, 213



228, 183, 230



253, 177, 185

Sweetspot

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



162, 207, 209



237, 254, 255



162, 209, 164



117, 127, 128



0, 0, 0



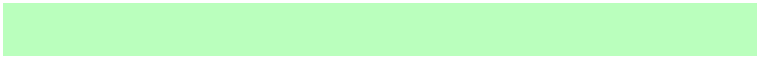
128, 128, 128

Same Dimension

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



162, 207, 209



186, 252, 255



162, 193, 209



94, 104, 105



0, 161, 168



0, 39, 41

Inverse Universe

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



209, 162, 207



255, 186, 252



209, 162, 184



105, 94, 104



168, 0, 161



41, 0, 39

Previews

White Background



This preview shows how the RYB color 162, 207, 209 looks on a white background.

Color Contrast Check

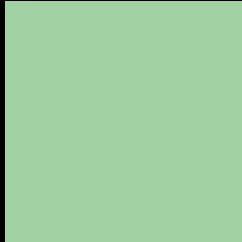
Large Text (above 18pt) WCAG AA × Fail

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 162, 207, 209 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 162, 207, 209 Background



This preview shows how black text looks on a background with the RYB color 162, 207, 209.

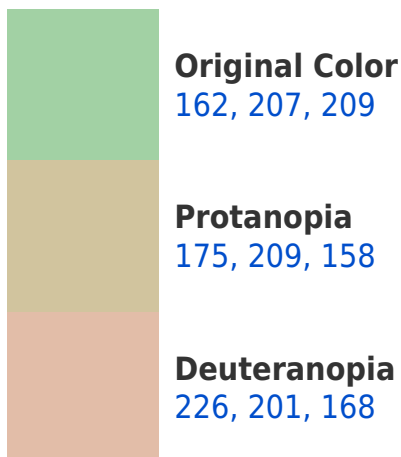


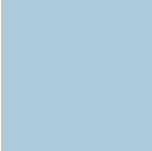
This preview shows how white text looks on a background with the RYB color 162, 207, 209.

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
171, 190, 218

Trichromacy



Original Color
162, 207, 209

Protanomaly
160, 201, 169

Deuteranomaly
176, 203, 167

Tritanomaly
168, 188, 205

Monochromacy



Original Color
162, 207, 209

Achromatopsia
190, 190, 190

Achromatomaly
180, 196, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 207, 209 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(162, 209, 164)` looks like.

```
.text, #text, p{  
    color:rgb(162, 209, 164)  
}
```

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(162, 209, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 209, 164) }
```

Border

The CSS property to change the border of an element to RYB 162, 207, 209 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(162, 209, 164) }
```

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

```
.border{ border-color:rgb(162, 209, 164) }
```

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

Here you see how a box with a 4 pixel rgb(162, 209, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 209, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 209, 164);  
box-shadow:4px 4px 4px 4px rgb(162, 209,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 162, 207, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 209, 164) }
```

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

```
.background{ background-color: rgb(162,  
209, 164) }
```

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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