

Converting Colors

`RYB(150, 201, 206)`

Have a look what the booklet for
RYB(150, 201, 206) contains.

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Color

R_YB(150, 201, 206)

Conversions

Conversions Part 1

Format	Color
Hex	96CE9B
RGB	150, 206, 155
RGB Percent	59%, 81%, 61%
CMY	0.4118, 0.1922, 0.3902
CMYK	0.27, 0.00, 0.25, 0.19
HSL	126°, 36%, 70%
HSV	126°, 27%, 81%
XYZ	40.6066, 53.0097, 39.3183
YIQ	183.4420, -17.0050, -27.7330

Conversions

Conversions Part 2

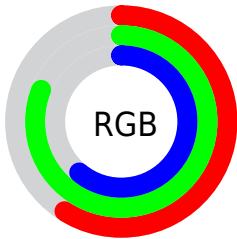
Format	Color
RYB	150, 201, 206
Decimal	9883291
CIELab	77.88, -28.08, 19.44
CIElCh	78, 34.153, 145.301
Yxy	53.0097, 0.3055, 0.3988
Android (android.graphics.Color)	4288073371 (0xFF96CE9B)
YUV	183.4420, -14.0219, -29.3286
Hunter-Lab	72.8078, -27.8598, 18.9471

Details

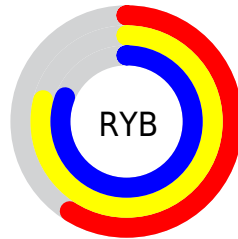
The RYB color **150, 201, 206** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **206, 150, 201**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **205, 250, 255**, and **97, 145, 151** is the 20% darker color. If you saturate the color by 10%, you get **129, 199, 206**, and if you desaturate by 10%, it is **171, 203, 206**.

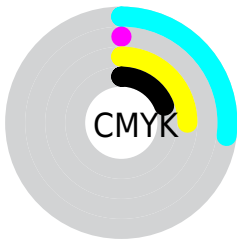
Distribution



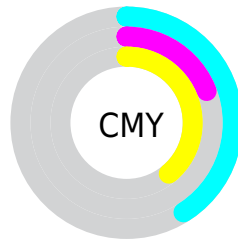
- Red (59%)
- Green (81%)
- Blue (61%)



- Red (59%)
- Yellow (79%)
- Blue (81%)



- Cyan (27%)
- Magenta (0%)
- Yellow (25%)
- Black (19%)



- Cyan (41%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 201, 206 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 150, 201, 206 by changing the saturation by 10% instead.


 150, 201, 206

 150, 201, 206


255, 255, 255

 123, 173, 178


 205, 250, 255

 97, 145, 151


 234, 251, 255

 72, 118, 125

 47, 92, 100

 21, 65, 76

 0, 43, 53

 0, 33, 33


 0, 0, 0


 150, 201, 206


 150, 201, 206

 129, 199, 206


 171, 203, 206

 109, 198, 206


 191, 204, 206

 88, 195, 206


 212, 206, 211

 68, 194, 206

 232, 206, 230

 47, 191, 206

 253, 206, 248

 26, 190, 206

 255, 206, 255

 6, 189, 206

 0, 188, 206

Harmonies

Analogous

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



134, 199, 146



150, 201, 206



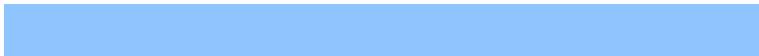
113, 168, 210

Triad

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



150, 201, 206



143, 179, 255



255, 170, 167

Complementary

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



150, 201, 206



206, 150, 201

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.



251, 169, 199



150, 201, 206



190, 186, 250

Square

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



150, 201, 206



100, 161, 244



228, 175, 229



244, 198, 142

Rectangle

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



150, 201, 206



94, 153, 210



228, 175, 229



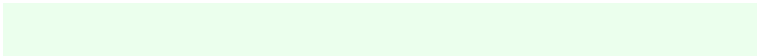
255, 169, 177

Sweetspot

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



150, 201, 206



235, 253, 255



150, 206, 155



115, 127, 128



0, 0, 0



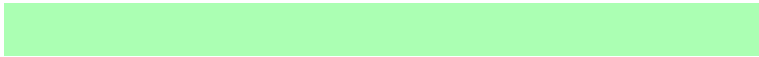
128, 128, 128

Same Dimension

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



150, 201, 206



171, 248, 255



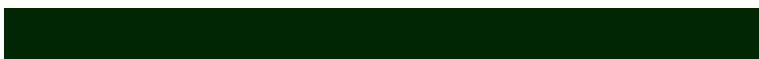
150, 185, 206



92, 101, 102



0, 151, 166



0, 34, 38

Inverse Universe

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



206, 150, 201



255, 171, 247



206, 150, 173



102, 92, 101



166, 0, 150



38, 0, 35

Previews

White Background



This preview shows how the RYB color 150, 201, 206 looks on a white background.

Color Contrast Check

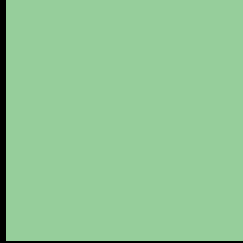
Large Text (above 18pt) WCAG AA × Fail

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 150, 201, 206 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 150, 201, 206 Background



This preview shows how black text looks on a background with the RYB color 150, 201, 206.

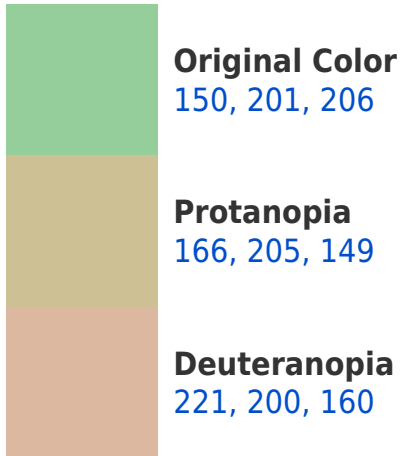


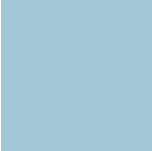
This preview shows how white text looks on a background with the RYB color 150, 201, 206.

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
161, 183, 214

Trichromacy



Original Color

150, 201, 206

Protanomaly

151, 197, 163

Deuteranomaly

161, 195, 158

Tritanomaly

157, 181, 201

Monochromacy



Original Color

150, 201, 206

Achromatopsia

183, 183, 183

Achromatomaly

171, 189, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 201, 206 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(150, 206, 155)` looks like.

```
.text, #text, p{  
    color:rgb(150, 206, 155)  
}
```

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(150, 206, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 206, 155) }
```

Border

The CSS property to change the border of an element to RYB 150, 201, 206 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(150, 206, 155) }
```

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

```
.border{ border-color:rgb(150, 206, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 206, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 206, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 206, 155);  
box-shadow:4px 4px 4px 4px rgb(150, 206,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 150, 201, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 206, 155) }
```

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

```
.background{ background-color: rgb(150,  
206, 155) }
```

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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