

Converting Colors

`RYB(149, 196, 197)`

Have a look what the booklet for
RYB(149, 196, 197) contains.

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Color

R_YB(149, 196, 197)

Conversions

Conversions Part 1

Format	Color
Hex	95C596
RGB	149, 197, 150
RGB Percent	58%, 77%, 59%
CMY	0.4157, 0.2275, 0.4117
CMYK	0.24, 0.00, 0.24, 0.23
HSL	121°, 29%, 68%
HSV	121°, 24%, 77%
XYZ	37.8674, 48.5248, 36.2335
YIQ	177.2900, -13.5210, -24.7930

Conversions

Conversions Part 2

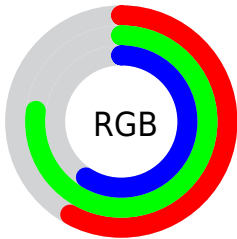
Format	Color
RYB	149, 196, 197
Decimal	9815446
CIELab	75.15, -24.99, 18.57
CIELCh	75, 31.137, 143.391
Yxy	48.5248, 0.3088, 0.3957
Android (android.graphics.Color)	4288005526 (0xFF95C596)
YUV	177.2900, -13.4540, -24.8103
Hunter-Lab	69.6597, -24.8709, 17.9221

Details

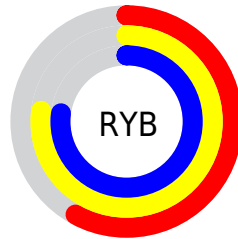
The RYB color **149, 196, 197** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **197, 149, 196**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **204, 254, 254**, and **97, 141, 143** is the 20% darker color. If you saturate the color by 10%, you get **129, 195, 197**, and if you desaturate by 10%, it is **169, 197, 197**.

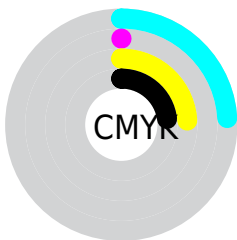
Distribution



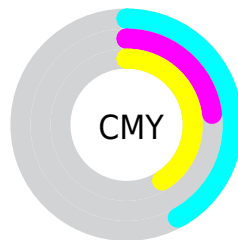
- Red (58%)
- Green (77%)
- Blue (59%)



- Red (58%)
- Yellow (77%)
- Blue (77%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (23%)



- Cyan (42%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 196, 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 149, 196, 197 by changing the saturation by 10% instead.


 149, 196, 197


255, 255, 255


 204, 254, 254


 232, 254, 255

 149, 196, 197

 123, 169, 170

 97, 141, 143

 72, 114, 117

 48, 88, 92

 23, 62, 68

 0, 40, 46

 0, 27, 27


 0, 0, 0


 149, 196, 197


 149, 196, 197

 129, 195, 197


 169, 197, 197


 110, 196, 197


 188, 196, 197


 90, 195, 197


 208, 197, 208

 70, 194, 197


 228, 197, 227

 51, 194, 197

 248, 197, 246

 31, 194, 197

 255, 197, 255

 11, 193, 197

 0, 193, 197

Harmonies

Analogous

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



132, 190, 140



149, 196, 197



117, 166, 201

Triad

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



149, 196, 197



139, 173, 241



243, 165, 164

Complementary

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



149, 196, 197



197, 149, 196

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.



237, 164, 193



149, 196, 197



181, 180, 238

Square

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



149, 196, 197



103, 157, 230



216, 170, 220



233, 189, 140

Rectangle

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



149, 196, 197



100, 152, 201



216, 170, 220



243, 164, 173

Sweetspot

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



149, 196, 197



237, 254, 255



149, 197, 150



117, 127, 128



0, 0, 0



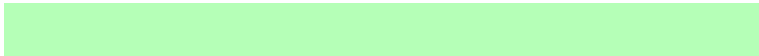
128, 128, 128

Same Dimension

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



149, 196, 197



181, 253, 255



149, 181, 197



90, 99, 99



0, 160, 163



0, 35, 36

Inverse Universe

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



197, 149, 196



255, 181, 253



197, 149, 172



99, 90, 99



163, 0, 160



36, 0, 35

Previews

White Background



This preview shows how the RYB color 149, 196, 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 149, 196, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

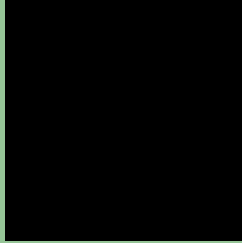
Any Text WCAG AA ✓ Pass

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](#).

R/Y/B 149, 196, 197 Background



This preview shows how black text looks on a background with the R/Y/B color 149, 196, 197.



This preview shows how white text looks on a background with the R/Y/B color 149, 196, 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](#).

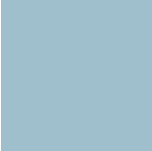
Dichromacy



Original Color
149, 196, 197

Protanopia
161, 197, 144

Deuteranopia
213, 192, 154



Tritanopia
159, 178, 205

Trichromacy



Original Color
149, 196, 197

Protanomaly
146, 189, 155

Deuteranomaly
160, 190, 153

Tritanomaly
155, 176, 193

Monochromacy



Original Color
149, 196, 197

Achromatopsia
177, 177, 177

Achromatomaly
167, 184, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 196, 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(149, 197, 150)` looks like.

```
.text, #text, p{  
    color:rgb(149, 197, 150)  
}
```

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(149, 197, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 197, 150) }
```

Border

The CSS property to change the border of an element to RYB 149, 196, 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(149, 197, 150) }
```

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

```
.border{ border-color:rgb(149, 197, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 197, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 197, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 197, 150);  
box-shadow:4px 4px 4px 4px rgb(149, 197,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 149, 196, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 197, 150) }
```

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

```
.background{ background-color: rgb(149,  
197, 150) }
```

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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