

Converting Colors

`RYB(127, 187, 195)`

Have a look what the booklet for
RYB(127, 187, 195) contains.

RYB(127, 187, 195)	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(127, 187, 195)

Conversions

Conversions Part 1

Format	Color
Hex	7FC388
RGB	127, 195, 136
RGB Percent	50%, 76%, 53%
CMY	0.5020, 0.2353, 0.4664
CMYK	0.35, 0.00, 0.30, 0.24
HSL	128°, 36%, 63%
HSV	128°, 35%, 76%
XYZ	32.7162, 45.3217, 30.3410
YIQ	167.9420, -21.5890, -32.7650

Conversions

Conversions Part 2

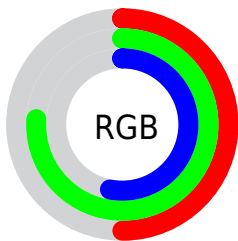
Format	Color
RYB	127, 187, 195
Decimal	8373128
CIELab	73.10, -33.65, 22.99
CIElCh	73, 40.759, 145.659
Yxy	45.3217, 0.3019, 0.4182
Android (android.graphics.Color)	4286563208 (0xFF7FC388)
YUV	167.9420, -15.7474, -35.9061
Hunter-Lab	67.3214, -31.0668, 20.4036

Details

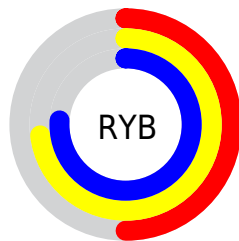
The RYB color **127, 187, 195** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **195, 127, 186**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **182, 245, 252**, and **74, 131, 141** is the 20% darker color. If you saturate the color by 10%, you get **108, 185, 195**, and if you desaturate by 10%, it is **147, 190, 195**.

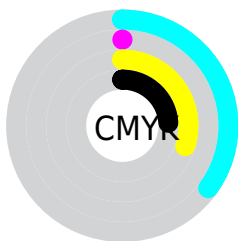
Distribution



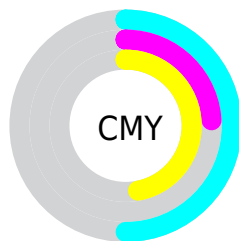
- Red (50%)
- Green (76%)
- Blue (53%)



- Red (50%)
- Yellow (73%)
- Blue (76%)



- Cyan (35%)
- Magenta (0%)
- Yellow (30%)
- Black (24%)



- Cyan (50%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 187, 195 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 127, 187, 195 by changing the saturation by 10% instead.

 127, 187, 195


255, 255, 255


 182, 245, 252


 210, 248, 255

 239, 250, 255

 127, 187, 195

 100, 159, 168

 74, 131, 141

 48, 103, 115

 19, 74, 90


 0, 52, 66

 0, 43, 43

 0, 19, 19


 0, 0, 0


 127, 187, 195


 127, 187, 195

 108, 185, 195


 147, 190, 195

 88, 183, 195


 166, 191, 195

 69, 181, 195


 186, 194, 195

 49, 178, 195

 205, 195, 204

 30, 176, 195

 225, 195, 221

 10, 173, 195

 244, 195, 237

 0, 172, 195

 255, 195, 254

 255, 195, 255

Harmonies

Analogous

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



111, 187, 127



127, 187, 195



75, 144, 199

Triad

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



127, 187, 195



114, 161, 253



251, 152, 149

Complementary

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



127, 187, 195



195, 127, 186

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.



247, 151, 186



127, 187, 195



176, 172, 247

Square

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



127, 187, 195



36, 125, 240



221, 158, 222



237, 187, 119

Rectangle

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



127, 187, 195



27, 113, 199



221, 158, 222



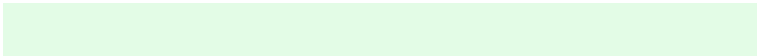
252, 151, 161

Sweetspot

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



127, 187, 195



227, 249, 252



127, 195, 136



112, 126, 128



0, 0, 0



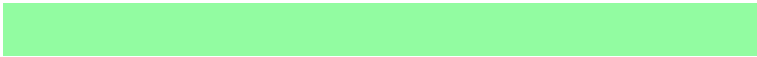
128, 128, 128

Same Dimension

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



127, 187, 195



146, 239, 252



127, 169, 195



87, 95, 97



0, 142, 161



0, 29, 33

Inverse Universe

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



195, 127, 186



252, 146, 238



195, 127, 152



97, 87, 96



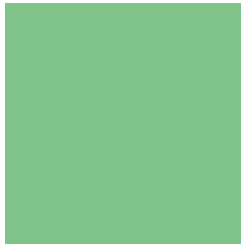
161, 0, 139



33, 0, 29

Previews

White Background



This preview shows how the RYB color 127, 187, 195 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 127, 187, 195 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](#).

RYP 127, 187, 195 Background



This preview shows how black text looks on a background with the RYP color 127, 187, 195.

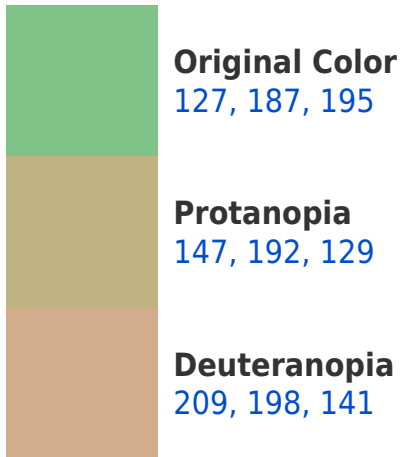


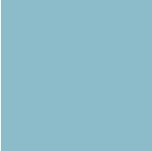
This preview shows how white text looks on a background with the RYP color 127, 187, 195.

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
140, 167, 202

Trichromacy



Original Color

127, 187, 195



Protanomaly

132, 184, 148



Deuteranomaly

139, 180, 140



Tritanomaly

135, 166, 190

Monochromacy



Original Color

127, 187, 195



Achromatopsia

168, 168, 168



Achromatomaly

153, 175, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 187, 195 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(127, 195, 136)` looks like.

```
.text, #text, p{  
    color:rgb(127, 195, 136)  
}
```

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(127, 195, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 195, 136) }
```

Border

The CSS property to change the border of an element to RYB 127, 187, 195 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(127, 195, 136) }
```

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

```
.border{ border-color:rgb(127, 195, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 195, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 195, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 195, 136);  
box-shadow:4px 4px 4px 4px rgb(127, 195,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 127, 187, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 195, 136) }
```

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

```
.background{ background-color: rgb(127,  
195, 136) }
```

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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