

Converting Colors

`RYB(95, 181, 107)`

Have a look what the booklet for
RYB(95, 181, 107) contains.

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Color

R_YB(95, 181, 107)

Conversions

Conversions Part 1

Format	Color
Hex	A9B55F
RGB	169, 181, 95
RGB Percent	66%, 71%, 37%
CMY	0.3373, 0.2902, 0.6275
CMYK	0.07, 0.00, 0.48, 0.29
HSL	68°, 37%, 54%
HSV	68°, 48%, 71%
XYZ	34.9516, 42.3090, 17.1508
YIQ	167.6080, 20.4540, -29.2900

Conversions

Conversions Part 2

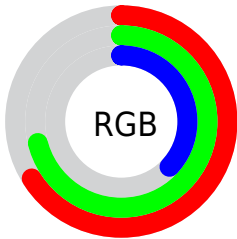
Format	Color
RYB	95, 181, 107
Decimal	11122015
CIELab	71.08, -17.14, 42.13
CIElCh	71, 45.486, 112.140
Yxy	42.3090, 0.3702, 0.4481
Android (android.graphics.Color)	4289312095 (0xFFA9B55F)
YUV	167.6080, -35.7957, 1.2208
Hunter-Lab	65.0454, -17.9138, 29.8985

Details

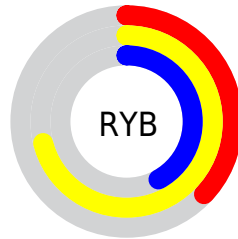
The RYB color **95, 181, 107** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **107, 95, 181**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **147, 237, 158**, and **45, 128, 58** is the 20% darker color. If you saturate the color by 10%, you get **77, 181, 92**, and if you desaturate by 10%, it is **113, 181, 122**.

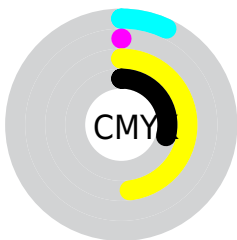
Distribution



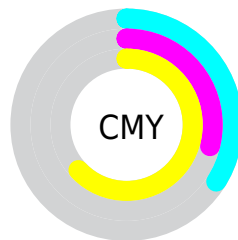
- Red (66%)
- Green (71%)
- Blue (37%)



- Red (37%)
- Yellow (71%)
- Blue (42%)



- Cyan (7%)
- Magenta (0%)
- Yellow (48%)
- Black (29%)




- Cyan (34%)
- Magenta (29%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 95, 181, 107 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 95, 181, 107 by changing the saturation by 10% instead.

 95, 181, 107


255, 255, 255


 147, 237, 158

 174, 255, 174

 202, 255, 202

 231, 255, 231

 95, 181, 107

 70, 154, 82

 45, 128, 58

 19, 103, 33


 0, 79, 15


 0, 56, 16

 0, 35, 20

 0, 7, 7

 0, 0, 0

 95, 181, 107

 95, 181, 107

■ 77, 181, 92

■ 113, 181, 122

■ 59, 181, 76

■ 131, 181, 138

■ 41, 181, 61

■ 149, 181, 153

■ 23, 181, 45

■ 167, 181, 169

■ 5, 181, 30

■ 182, 181, 186

■ 0, 181, 25

■ 184, 181, 204

■ 187, 181, 222

■ 189, 181, 240

■ 192, 181, 255

Harmonies

Analogous

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



154, 209, 91



95, 181, 107



120, 188, 190

Triad

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



95, 181, 107



0, 106, 238



246, 141, 187

Complementary

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



95, 181, 107



107, 95, 181

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.



215, 152, 225



95, 181, 107



82, 145, 255

Square

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



95, 181, 107



0, 100, 204



161, 167, 251



253, 142, 145

Rectangle

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



95, 181, 107



80, 152, 194



161, 167, 251



238, 144, 200

Sweetspot

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



95, 181, 107



202, 235, 207



181, 108, 95



97, 117, 99



245, 245, 245



117, 117, 117

Same Dimension

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



95, 181, 107



101, 235, 120



95, 181, 149



80, 89, 81



0, 153, 21



0, 26, 4

Inverse Universe

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



107, 95, 181



120, 101, 235



149, 95, 181



82, 80, 89



21, 0, 153



4, 0, 26

Previews

White Background



This preview shows how the RYB color 95, 181, 107 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 95, 181, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

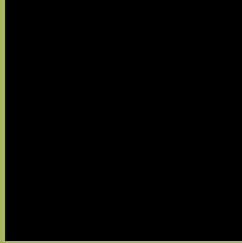
Any Text WCAG AA ✓ Pass

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 95, 181, 107 Background



This preview shows how black text looks on a background with the R Y B color 95, 181, 107.



This preview shows how white text looks on a background with the R Y B color 95, 181, 107.

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
95, 181, 107

Protanopia
114, 191, 93

Deuteranopia
177, 212, 99



Tritanopia
179, 171, 184

Trichromacy



Original Color
95, 181, 107

Protanomaly
100, 183, 94

Deuteranomaly
132, 196, 98

Tritanomaly
152, 175, 152

Monochromacy



Original Color
95, 181, 107

Achromatopsia
168, 168, 168

Achromatomaly
141, 173, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 181, 107 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(169, 181, 95)` looks like.

```
.text, #text, p{  
    color:rgb(169, 181, 95)  
}
```

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(169, 181, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 181, 95) }
```

Border

The CSS property to change the border of an element to RYB 95, 181, 107 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(169, 181, 95) }
```

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

```
.border{ border-color:rgb(169, 181, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 181, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 181, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 181, 95);  
box-shadow:4px 4px 4px 4px rgb(169, 181,  
95) }
```

Background

The CSS property to change the background color of an element to RYB 95, 181, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 181, 95) }
```

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

```
.background{ background-color: rgb(169,  
181, 95) }
```

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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