

Converting Colors

`RYB(95, 177, 146)`

Have a look what the booklet for
RYB(95, 177, 146) contains.

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Color

RYB(95, 177, 146)

Conversions

Conversions Part 1

Format	Color
Hex	7EB15F
RGB	126, 177, 95
RGB Percent	49%, 69%, 37%
CMY	0.5059, 0.3059, 0.6275
CMYK	0.29, 0.00, 0.46, 0.31
HSL	97°, 34%, 53%
HSV	97°, 46%, 69%
XYZ	26.3919, 36.7061, 16.5205
YIQ	152.4030, -4.0740, -36.3140

Conversions

Conversions Part 2

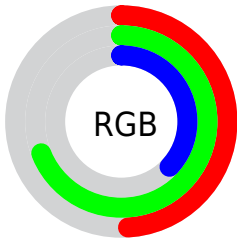
Format	Color
RYB	95, 177, 146
Decimal	8302943
CIELab	67.06, -31.80, 36.53
CIELCh	67, 48.432, 131.044
Yxy	36.7061, 0.3315, 0.4610
Android (android.graphics.Color)	4286493023 (0xFF7EB15F)
YUV	152.4030, -28.2997, -23.1554
Hunter-Lab	60.5856, -28.2678, 26.2427

Details

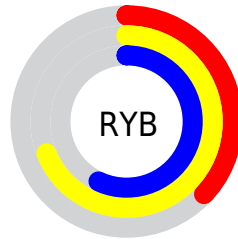
The RYB color **95, 177, 146** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **146, 95, 177**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **147, 233, 199**, and **46, 124, 96** is the 20% darker color. If you saturate the color by 10%, you get **77, 177, 139**, and if you desaturate by 10%, it is **113, 177, 153**.

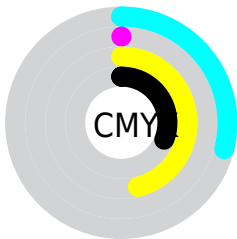
Distribution



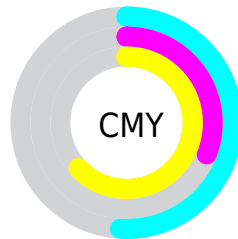
- Red (49%)
- Green (69%)
- Blue (37%)



- Red (37%)
- Yellow (69%)
- Blue (57%)



- Cyan (29%)
- Magenta (0%)
- Yellow (46%)
- Black (31%)





- Cyan (51%)
- Magenta (31%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the RYB color 95, 177, 146 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, 177, 146 by changing the saturation by 10% instead.

 95, 177, 146

 95, 177, 146


255, 255, 255

 70, 150, 120

 147, 233, 199

 46, 124, 96

 174, 255, 220


 21, 99, 72

 202, 255, 219


 0, 75, 54


 230, 255, 230


 0, 51, 51


 0, 32, 32

 0, 0, 0

 95, 177, 146

 95, 177, 146

 77, 177, 139

 113, 177, 153

■ 60, 177, 133

■ 130, 177, 159

■ 42, 177, 126

■ 148, 177, 166

■ 24, 177, 119

■ 166, 177, 173

■ 6, 177, 112

■ 181, 177, 184

■ 0, 177, 110

■ 192, 177, 201

■ 203, 177, 219

■ 214, 177, 237

■ 225, 177, 254

Harmonies

Analogous

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



83, 174, 74



95, 177, 146



60, 137, 183

Triad

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



95, 177, 146



0, 102, 245



245, 127, 149

Complementary

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



95, 177, 146



146, 95, 177

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.



229, 131, 193



95, 177, 146



119, 151, 249

Square

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



95, 177, 146



0, 100, 219



188, 145, 229



238, 142, 108

Rectangle

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



95, 177, 146



0, 98, 185



188, 145, 229



243, 126, 163

Sweetspot

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



95, 177, 146



197, 230, 217



145, 177, 95



95, 115, 107



242, 242, 242



115, 115, 115

Same Dimension

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



95, 177, 146



101, 230, 181



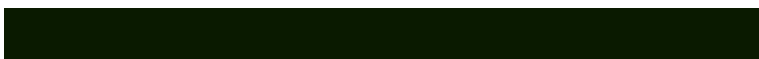
95, 168, 177



80, 89, 85



0, 153, 95



0, 26, 16

Inverse Universe

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



146, 95, 177



181, 101, 230



177, 95, 167



86, 80, 89



95, 0, 153



16, 0, 26

Previews

White Background



This preview shows how the RYB color 95, 177, 146 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, 177, 146 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 95, 177, 146 Background



This preview shows how black text looks on a background with the RYB color 95, 177, 146.



This preview shows how white text looks on a background with the RYB color 95, 177, 146.

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](#).

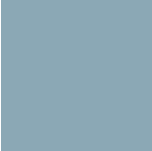
Dichromacy



Original Color
95, 177, 146

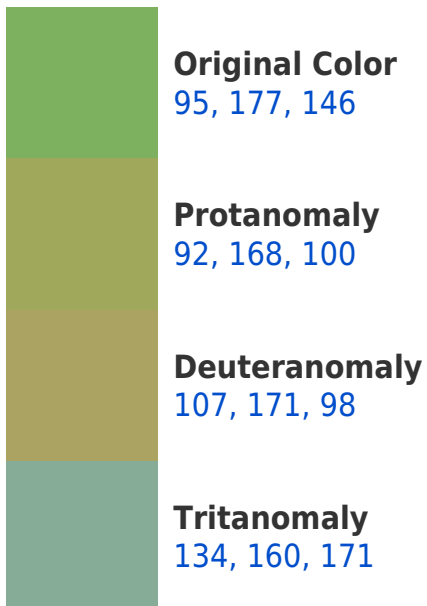
Protanopia
110, 179, 90

Deuteranopia
174, 197, 100

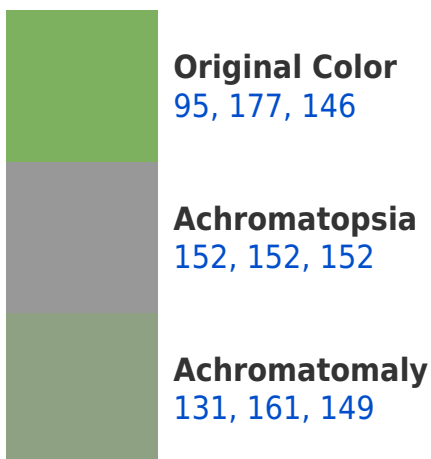


Tritanopia
139, 156, 181

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 177, 146 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(126, 177, 95)` looks like.

```
.text, #text, p{  
    color:rgb(126, 177, 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(126, 177, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 177, 95) }
```

Border

The CSS property to change the border of an element to RYB 95, 177, 146 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(126, 177, 95) }
```

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

```
.border{ border-color:rgb(126, 177, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 177, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 177, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 177, 95);  
box-shadow:4px 4px 4px 4px rgb(126, 177,  
95) }
```

Background

The CSS property to change the background color of an element to RYB 95, 177, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 177, 95) }
```

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

```
.background{ background-color: rgb(126,  
177, 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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