

Converting Colors

`RYB(95, 197, 145)`

Have a look what the booklet for
RYB(95, 197, 145) contains.

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Color

R_YB(95, 197, 145)

Conversions

Conversions Part 1

Format	Color
Hex	93C55F
RGB	147, 197, 95
RGB Percent	58%, 77%, 37%
CMY	0.4235, 0.2275, 0.6275
CMYK	0.25, 0.00, 0.52, 0.23
HSL	89°, 47%, 57%
HSV	89°, 52%, 77%
XYZ	34.0644, 46.9618, 18.0956
YIQ	170.4220, 2.9420, -42.3220

Conversions

Conversions Part 2

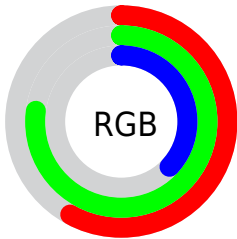
Format	Color
RYB	95, 197, 145
Decimal	9684319
CIELab	74.17, -33.48, 45.50
CIElCh	74, 56.490, 126.351
Yxy	46.9618, 0.3437, 0.4738
Android (android.graphics.Color)	4287874399 (0xFF93C55F)
YUV	170.4220, -37.1830, -20.5411
Hunter-Lab	68.5287, -31.1958, 32.3140

Details

The RYB color **95, 197, 145** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **145, 95, 197**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **148, 254, 199**, and **44, 143, 94** is the 20% darker color. If you saturate the color by 10%, you get **75, 197, 135**, and if you desaturate by 10%, it is **115, 197, 155**.

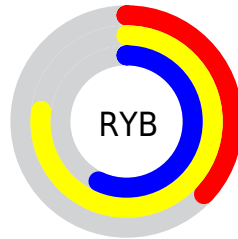
Distribution



Red (58%)

Green (77%)

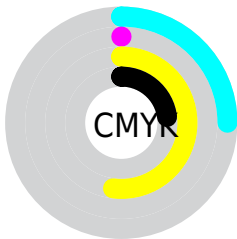
Blue (37%)



Red (37%)

Yellow (77%)

Blue (57%)

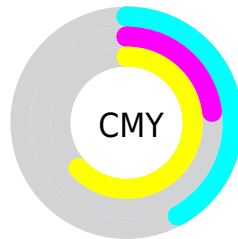


Cyan (25%)

Magenta (0%)

Yellow (52%)

Black (23%)



Cyan (42%)


Magenta (23%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 95, 197, 145 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, 197, 145 by changing the saturation by 10% instead.

 95, 197, 145


255, 255, 255


 148, 254, 199


 175, 255, 198

 203, 255, 203

 232, 255, 232

 95, 197, 145

 69, 170, 119

 44, 143, 94

 15, 117, 65


 0, 92, 52


 0, 68, 57

 0, 45, 45

 0, 23, 23

 0, 0, 0

 95, 197, 145

 95, 197, 145

■ 75, 197, 135

■ 115, 197, 155

■ 56, 197, 125

■ 134, 197, 165

■ 36, 197, 115

■ 154, 197, 175

■ 16, 197, 105

■ 174, 197, 185

■ 0, 197, 97

■ 194, 197, 196

■ 205, 197, 213

■ 215, 197, 233

■ 224, 197, 253

■ 234, 197, 255

Harmonies

Analogous

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



96, 202, 74



95, 197, 145



70, 159, 205

Triad

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



95, 197, 145



0, 112, 255



255, 137, 173

Complementary

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



95, 197, 145



145, 95, 197

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.



255, 145, 225



95, 197, 145



109, 159, 255

Square

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



95, 197, 145



0, 112, 242



201, 164, 255



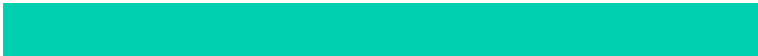
255, 150, 124

Rectangle

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



95, 197, 145



0, 113, 208



201, 164, 255



255, 138, 191

Sweetspot

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



95, 197, 145



214, 255, 234



197, 189, 95



103, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



95, 197, 145



97, 255, 174



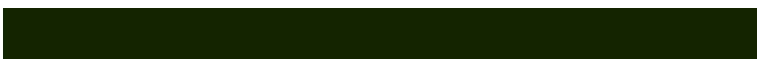
95, 197, 195



90, 99, 94



0, 163, 80



0, 36, 18

Inverse Universe

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



145, 95, 197



174, 97, 255



195, 95, 197



94, 90, 99



80, 0, 163



17, 0, 36

Previews

White Background



This preview shows how the RYB color 95, 197, 145 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, 197, 145 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, 197, 145 Background



This preview shows how black text looks on a background with the RYB color 95, 197, 145.



This preview shows how white text looks on a background with the RYB color 95, 197, 145.

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, 197, 145

Protanopia
113, 201, 90

Deuteranopia
183, 222, 101



Tritanopia
162, 177, 200

Trichromacy



Original Color
95, 197, 145

Protanomaly
92, 187, 98

Deuteranomaly
114, 195, 99

Tritanomaly
157, 186, 190

Monochromacy



Original Color
95, 197, 145

Achromatopsia
170, 170, 170

Achromatomaly
143, 180, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 197, 145 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(147, 197, 95)` looks like.

```
.text, #text, p{  
    color:rgb(147, 197, 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(147, 197, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 197, 95) }
```

Border

The CSS property to change the border of an element to RYB 95, 197, 145 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(147, 197, 95) }
```

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

```
.border{ border-color:rgb(147, 197, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 197, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 197, 95); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 197, 95); box-shadow:4px 4px 4px 4px rgb(147, 197, 95) }
```

Background

The CSS property to change the background color of an element to RGB 95, 197, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 197, 95) }
```

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

```
.background{ background-color: rgb(147,  
197, 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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