

Converting Colors

`RYB(95, 176, 135)`

Have a look what the booklet for
RYB(95, 176, 135) contains.

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Color

RYB(95, 176, 135)

Conversions

Conversions Part 1

Format	Color
Hex	88B05F
RGB	136, 176, 95
RGB Percent	53%, 69%, 37%
CMY	0.4667, 0.3098, 0.6275
CMYK	0.23, 0.00, 0.46, 0.31
HSL	90°, 34%, 53%
HSV	90°, 46%, 69%
XYZ	27.7442, 37.1111, 16.5274
YIQ	154.8060, 2.1610, -33.6710

Conversions

Conversions Part 2

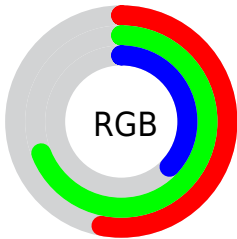
Format	Color
RYB	95, 176, 135
Decimal	8958047
CIELab	67.36, -27.64, 37.04
CIElCh	67, 46.211, 126.728
Yxy	37.1111, 0.3409, 0.4560
Android (android.graphics.Color)	4287148127 (0xFF88B05F)
YUV	154.8060, -29.4844, -16.4929
Hunter-Lab	60.9189, -25.3140, 26.5578

Details

The RYB color **95, 176, 135** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **135, 95, 176**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **147, 232, 188**, and **46, 123, 85** is the 20% darker color. If you saturate the color by 10%, you get **77, 176, 126**, and if you desaturate by 10%, it is **113, 176, 144**.

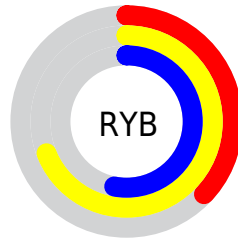
Distribution



Red (53%)

Green (69%)

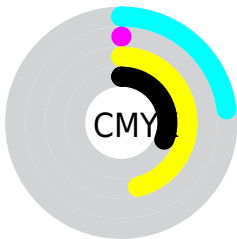
Blue (37%)



Red (37%)

Yellow (69%)

Blue (53%)

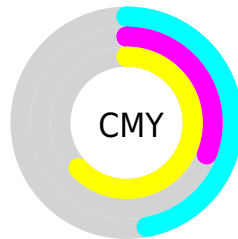


Cyan (23%)

Magenta (0%)

Yellow (46%)

Black (31%)



Cyan (47%)


Magenta (31%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the RYB color 95, 176, 135 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, 176, 135 by changing the saturation by 10% instead.

 95, 176, 135

 95, 176, 135


255, 255, 255

 70, 149, 109

 147, 232, 188

 46, 123, 85

 174, 255, 210

 21, 98, 60

 202, 255, 209


 0, 74, 40


 230, 255, 230


 0, 51, 44

 0, 32, 32


 0, 0, 0

 95, 176, 135


 95, 176, 135

 77, 176, 126


 113, 176, 144

 60, 176, 117


 130, 176, 153

 42, 176, 108


 148, 176, 162


 25, 176, 100

 165, 176, 170


 7, 176, 90

 179, 176, 183

 0, 176, 87

 188, 176, 201

 197, 176, 218

 206, 176, 236

 214, 176, 253

Harmonies

Analogous

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



97, 180, 79



95, 176, 135



80, 149, 183

Triad

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



95, 176, 135



0, 102, 240



242, 129, 156

Complementary

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



95, 176, 135



135, 95, 176

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.



223, 135, 198



95, 176, 135



112, 150, 246

Square

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



95, 176, 135



0, 99, 213



180, 149, 231



238, 140, 116

Rectangle

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



95, 176, 135



0, 100, 185



180, 149, 231



239, 130, 170

Sweetspot

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



95, 176, 135



197, 230, 213



176, 170, 95



95, 115, 105



242, 242, 242



115, 115, 115

Same Dimension

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



95, 176, 135



103, 230, 166



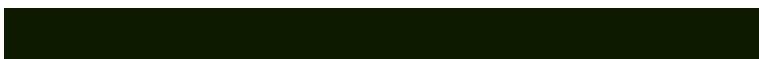
95, 176, 175



80, 89, 84



0, 153, 76



0, 26, 13

Inverse Universe

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



135, 95, 176



166, 103, 230



175, 95, 176



85, 80, 89



76, 0, 153



13, 0, 26

Previews

White Background



This preview shows how the RYB color 95, 176, 135 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, 176, 135 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, 176, 135 Background



This preview shows how black text looks on a background with the RYB color 95, 176, 135.



This preview shows how white text looks on a background with the RYB color 95, 176, 135.

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](#).

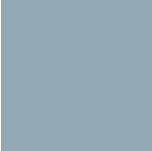
Dichromacy



Original Color
95, 176, 135

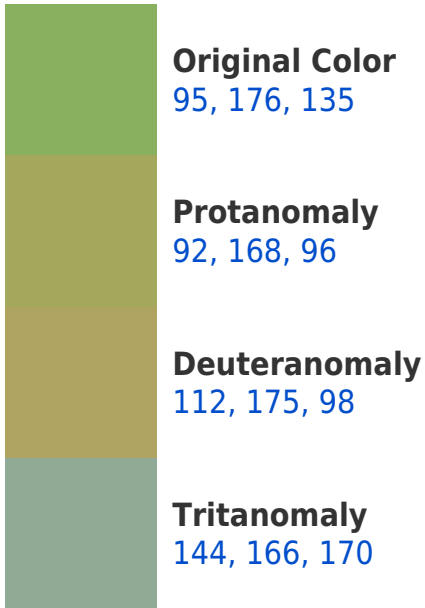
Protanopia
111, 180, 91

Deuteranopia
174, 198, 100

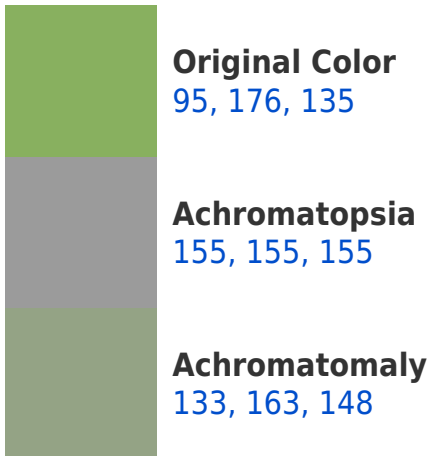


Tritanopia
148, 160, 180

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 176, 135 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(136, 176, 95)` looks like.

```
.text, #text, p{  
    color:rgb(136, 176, 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(136, 176, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 176, 95) }
```

Border

The CSS property to change the border of an element to RYB 95, 176, 135 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(136, 176, 95) }
```

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

```
.border{ border-color:rgb(136, 176, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 176, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 176, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 176, 95);  
box-shadow:4px 4px 4px 4px rgb(136, 176,  
95) }
```

Background

The CSS property to change the background color of an element to RYB 95, 176, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 176, 95) }
```

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

```
.background{ background-color: rgb(136,  
176, 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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