

Converting Colors

`RYB(95, 138, 110)`

Have a look what the booklet for
RYB(95, 138, 110) contains.

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Color

R_YB(95, 138, 110)

Conversions

Conversions Part 1

Format	Color
Hex	7B8A5F
RGB	123, 138, 95
RGB Percent	48%, 54%, 37%
CMY	0.5176, 0.4588, 0.6275
CMYK	0.11, 0.00, 0.31, 0.46
HSL	81°, 18%, 46%
HSV	81°, 31%, 54%
XYZ	19.3224, 23.2141, 14.2888
YIQ	128.6130, 4.8630, -16.5530

Conversions

Conversions Part 2

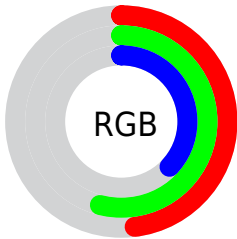
Format	Color
R_{YB}	95, 138, 110
Decimal	8096351
CIE _{Lab}	55.29, -13.30, 21.28
CIE _{LCh}	55, 25.095, 121.994
Y _{xy}	23.2141, 0.3400, 0.4085
Android (android.graphics.Color)	4286286431 (0xFF7B8A5F)
YUV	128.6130, -16.5712, -4.9226
Hunter-Lab	48.1810, -12.7316, 16.1434

Details

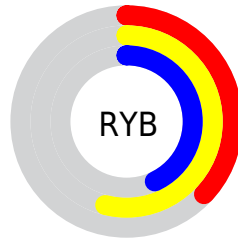
The RYB color **95, 138, 110** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **110, 95, 138**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **146, 191, 161**, and **48, 88, 62** is the 20% darker color. If you saturate the color by 10%, you get **81, 138, 101**, and if you desaturate by 10%, it is **109, 138, 119**.

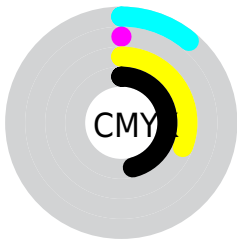
Distribution



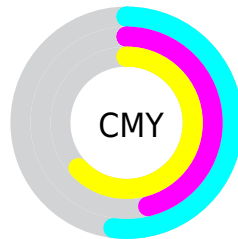
- Red (48%)
- Green (54%)
- Blue (37%)



- Red (37%)
- Yellow (54%)
- Blue (43%)



- Cyan (11%)
- Magenta (0%)
- Yellow (31%)
- Black (46%)



- Cyan (52%)
- Magenta (46%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 95, 138, 110 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, 138, 110 by changing the saturation by 10% instead.



95, 138, 110



95, 138, 110

255, 255, 255



71, 113, 86



146, 191, 161



48, 88, 62



172, 219, 187



26, 65, 41



200, 248, 216



2, 43, 16



228, 255, 228



0, 23, 23



0, 0, 0



95, 138, 110



95, 138, 110



81, 138, 101



109, 138, 119



67, 138, 92



123, 138, 128

■ 54, 138, 83

■ 136, 138, 137

■ 40, 138, 74

■ 142, 138, 150

■ 26, 138, 65

■ 147, 138, 164

■ 12, 138, 56

■ 152, 138, 178

■ 0, 138, 48

■ 157, 138, 192

■ 162, 138, 205

■ 166, 138, 219

Harmonies

Analogous

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



109, 146, 89



95, 138, 110



98, 132, 142

Triad

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



95, 138, 110



76, 114, 170



174, 116, 132

Complementary

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



95, 138, 110



110, 95, 138

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.



161, 119, 153



95, 138, 110



106, 126, 175

Square

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



95, 138, 110



62, 106, 155



137, 126, 169



175, 119, 110

Rectangle

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



95, 138, 110



81, 118, 144



137, 126, 169



171, 117, 139

Sweetspot

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



95, 138, 110



162, 179, 168



138, 116, 95



79, 89, 82



217, 217, 217



89, 89, 89

Same Dimension

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



95, 138, 110



112, 179, 136



95, 138, 131



62, 69, 65



0, 133, 47



0, 5, 2

Inverse Universe

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



110, 95, 138



135, 112, 179



131, 95, 138



64, 62, 69



46, 0, 133



2, 0, 5

Previews

White Background



This preview shows how the RYB color 95, 138, 110 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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, 138, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

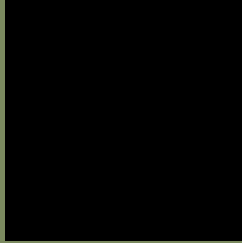
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 95, 138, 110 Background



This preview shows how black text looks on a background with the R Y B color 95, 138, 110.



This preview shows how white text looks on a background with the R Y B color 95, 138, 110.

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, 138, 110

Protanopia

106, 143, 92

Deuteranopia

154, 156, 97



Tritanopia
130, 132, 142

Trichromacy



Original Color
95, 138, 110

Protanomaly
95, 136, 93

Deuteranomaly
114, 144, 96

Tritanomaly
125, 134, 132

Monochromacy



Original Color
95, 138, 110

Achromatopsia
129, 129, 129

Achromatomaly
117, 132, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 138, 110 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(123, 138, 95)` looks like.

```
.text, #text, p{  
    color:rgb(123, 138, 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(123, 138, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 138, 95) }
```

Border

The CSS property to change the border of an element to RYB 95, 138, 110 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(123, 138, 95) }
```

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

```
.border{ border-color:rgb(123, 138, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 138, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 138, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 138, 95);  
box-shadow:4px 4px 4px 4px rgb(123, 138,  
95) }
```

Background

The CSS property to change the background color of an element to RYB 95, 138, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 138, 95) }
```

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

```
.background{ background-color: rgb(123,  
138, 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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