

Converting Colors

`RYB(119, 155, 92)`

Have a look what the booklet for
RYB(119, 155, 92) contains.

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Color

R_YB(119, 155, 92)

Conversions

Conversions Part 1

Format	Color
Hex	9B885C
RGB	155, 136, 92
RGB Percent	61%, 53%, 36%
CMY	0.3922, 0.4663, 0.6392
CMYK	0.00, 0.12, 0.41, 0.39
HSL	42°, 26%, 48%
HSV	42°, 41%, 61%
XYZ	24.2676, 25.3778, 13.7446
YIQ	136.6650, 25.4480, -9.6560

Conversions

Conversions Part 2

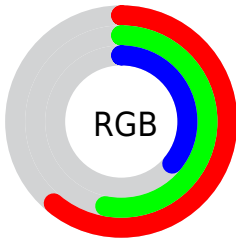
Format	Color
RYB	119, 155, 92
Decimal	10192988
CIELab	57.44, 0.64, 26.30
CIELCh	57, 26.304, 88.604
Yxy	25.3778, 0.3828, 0.4003
Android (android.graphics.Color)	4288383068 (0xFF9B885C)
YUV	136.6650, -22.0198, 16.0798
Hunter-Lab	50.3764, -2.1706, 19.0869

Details

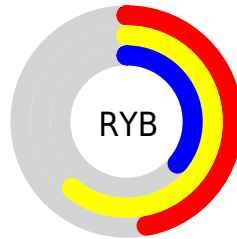
The RYB color **119, 155, 92** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **92, 107, 155**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **174, 210, 143**, and **67, 102, 45** is the 20% darker color. If you saturate the color by 10%, you get **112, 155, 77**, and if you desaturate by 10%, it is **128, 155, 108**.

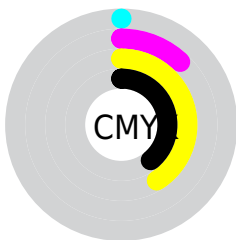
Distribution



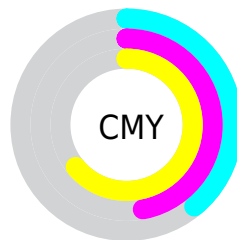
- Red (61%)
- Green (53%)
- Blue (36%)



- Red (47%)
- Yellow (61%)
- Blue (36%)



- Cyan (0%)
- Magenta (12%)
- Yellow (41%)
- Black (39%)



- Cyan (39%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 155, 92 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 119, 155, 92 by changing the saturation by 10% instead.



119, 155, 92



119, 155, 92

255, 255, 255



92, 128, 68



174, 210, 143



65, 102, 45



201, 239, 169



42, 77, 23



209, 255, 197



15, 54, 0



225, 255, 225



13, 30, 0

254, 255, 254



0, 0, 0



119, 155, 92



119, 155, 92



112, 155, 77



128, 155, 108



101, 155, 61



138, 155, 123

■ 93, 155, 46

■ 146, 155, 139

■ 83, 155, 30

■ 154, 155, 154

■ 75, 155, 15

■ 155, 158, 170

■ 65, 155, 0

■ 155, 162, 185

■ 155, 166, 200

■ 155, 169, 216

■ 155, 173, 232

Harmonies

Analogous

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



174, 145, 100



119, 155, 92



97, 143, 109

Triad

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



119, 155, 92



63, 109, 159



166, 125, 162

Complementary

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



119, 155, 92



92, 107, 155

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.



140, 132, 178



119, 155, 92



75, 117, 176

Square

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



119, 155, 92



78, 118, 150



106, 130, 183



181, 121, 140

Rectangle

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



119, 155, 92



107, 147, 141



106, 130, 183



159, 127, 168

Sweetspot

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



119, 155, 92



187, 201, 177



155, 92, 111



94, 102, 88



230, 230, 230



102, 102, 102

Same Dimension

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



119, 155, 92



144, 201, 103



92, 155, 105



74, 77, 69



60, 140, 0



6, 13, 0

Inverse Universe

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



92, 107, 155



103, 125, 201



105, 92, 155



69, 71, 77



0, 32, 140



0, 3, 13

Previews

White Background



This preview shows how the RYB color 119, 155, 92 looks on a white background.

Color Contrast Check

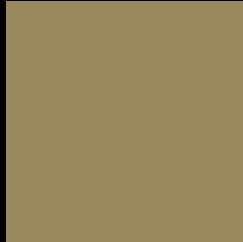
Large Text (above 18pt) WCAG AA ✓ Pass

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 119, 155, 92 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

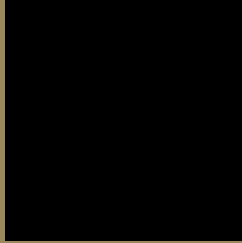
Any Text WCAG AA ✓ Pass

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 119, 155, 92 Background



This preview shows how black text looks on a background with the RYB color 119, 155, 92.



This preview shows how white text looks on a background with the RYB color 119, 155, 92.

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

119, 155, 92

Protanopia

108, 150, 93

Deuteranopia

154, 165, 93



Tritanopia
160, 130, 140

Trichromacy



Original Color
119, 155, 92

Protanomaly
113, 152, 93

Deuteranomaly
141, 161, 93

Tritanomaly
158, 135, 123

Monochromacy



Original Color
119, 155, 92

Achromatopsia
137, 137, 137

Achromatomaly
131, 144, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 155, 92 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(155, 136, 92)` looks like.

```
.text, #text, p{  
    color:rgb(155, 136, 92)  
}
```

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(155, 136, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 136, 92) }
```

Border

The CSS property to change the border of an element to RYB 119, 155, 92 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(155, 136, 92) }
```

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

```
.border{ border-color:rgb(155, 136, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 136, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 136, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 136, 92);  
box-shadow:4px 4px 4px 4px rgb(155, 136,  
92) }
```

Background

The CSS property to change the background color of an element to RYB 119, 155, 92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 136, 92) }
```

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

```
.background{ background-color: rgb(155,  
136, 92) }
```

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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