

Converting Colors

`RYB(86, 155, 119)`

Have a look what the booklet for
RYB(86, 155, 119) contains.

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Color

`RYB(86, 155, 119)`

Conversions

Conversions Part 1

Format	Color
Hex	7A9B56
RGB	122, 155, 86
RGB Percent	48%, 61%, 34%
CMY	0.5216, 0.3922, 0.6627
CMYK	0.21, 0.00, 0.45, 0.39
HSL	89°, 29%, 47%
HSV	89°, 45%, 61%
XYZ	21.4271, 28.2522, 13.1280
YIQ	137.2670, 2.4810, -28.4550

Conversions

Conversions Part 2

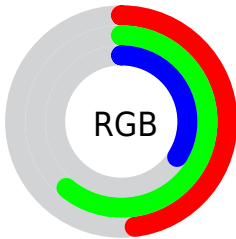
Format	Color
R_{YB}	86, 155, 119
Decimal	8035158
CIE _{Lab}	60.12, -23.78, 32.43
CIE _{LCh}	60, 40.214, 126.250
Yxy	28.2522, 0.3412, 0.4498
Android (android.graphics.Color)	4286225238 (0xFF7A9B56)
YUV	137.2670, -25.2746, -13.3892
Hunter-Lab	53.1528, -21.0599, 22.5631

Details

The RYB color **86, 155, 119** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **119, 86, 155**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **137, 210, 171**, and **38, 104, 71** is the 20% darker color. If you saturate the color by 10%, you get **71, 155, 111**, and if you desaturate by 10%, it is **102, 155, 128**.

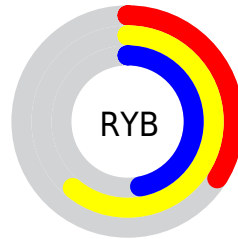
Distribution



Red (48%)

Green (61%)

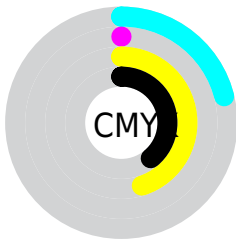
Blue (34%)



Red (34%)

Yellow (61%)

Blue (47%)

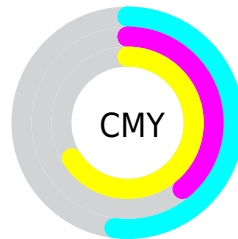


Cyan (21%)

Magenta (0%)

Yellow (45%)

Black (39%)



Cyan (52%)

Magenta (39%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the RYB color 86, 155, 119 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 86, 155, 119 by changing the saturation by 10% instead.



86, 155, 119



86, 155, 119

255, 255, 255



62, 129, 95



137, 210, 171



38, 104, 71



164, 238, 198



14, 79, 46



191, 255, 214



0, 56, 32



219, 255, 219



0, 35, 35



248, 255, 248



0, 1, 1



0, 0, 0



86, 155, 119



86, 155, 119



71, 155, 111



102, 155, 128

■ 55, 155, 103

■ 117, 155, 135

■ 40, 155, 95

■ 133, 155, 144

■ 24, 155, 87

■ 148, 155, 151

■ 9, 155, 79

■ 159, 155, 164

■ 0, 155, 74

■ 166, 155, 179

■ 174, 155, 195

■ 181, 155, 210

■ 189, 155, 226

Harmonies

Analogous

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



91, 160, 73



86, 155, 119



76, 134, 161

Triad

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



86, 155, 119



0, 89, 209



212, 116, 139

Complementary

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



86, 155, 119



119, 86, 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.



195, 121, 174



86, 155, 119



101, 133, 215

Square

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



86, 155, 119



0, 87, 186



158, 133, 202



209, 124, 105

Rectangle

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



86, 155, 119



25, 101, 163



158, 133, 202



208, 116, 151

Sweetspot

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



86, 155, 119



175, 201, 187



155, 146, 86



86, 102, 94



230, 230, 230



102, 102, 102

Same Dimension

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



86, 155, 119



95, 201, 146



86, 155, 153



69, 77, 73



0, 140, 67



0, 13, 6

Inverse Universe

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



119, 86, 155



146, 95, 201



153, 86, 155



73, 69, 77



67, 0, 140



6, 0, 13

Previews

White Background



This preview shows how the RYB color 86, 155, 119 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 86, 155, 119 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](#).

RYB 86, 155, 119 Background



This preview shows how black text looks on a background with the RYB color 86, 155, 119.



This preview shows how white text looks on a background with the RYB color 86, 155, 119.

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

86, 155, 119

Protanopia

99, 159, 82

Deuteranopia

156, 175, 90



Tritanopia
132, 142, 158

Trichromacy



Original Color
86, 155, 119

Protanomaly
83, 149, 86

Deuteranomaly
104, 156, 89

Tritanomaly
128, 147, 150

Monochromacy



Original Color
86, 155, 119

Achromatopsia
137, 137, 137

Achromatomaly
118, 144, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 86, 155, 119 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(122, 155, 86)` looks like.

```
.text, #text, p{  
    color:rgb(122, 155, 86)  
}
```

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(122, 155, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 155, 86) }
```

Border

The CSS property to change the border of an element to RYB 86, 155, 119 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(122, 155, 86) }
```

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

```
.border{ border-color:rgb(122, 155, 86) }
```

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

Here you see how a box with a 4 pixel rgb(122, 155, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 155, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 155, 86);  
box-shadow:4px 4px 4px 4px rgb(122, 155,  
86) }
```

Background

The CSS property to change the background color of an element to RYB 86, 155, 119 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 155, 86) }
```

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

```
.background{ background-color: rgb(122,  
155, 86) }
```

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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