

Converting Colors

`RYB(117, 155, 146)`

Have a look what the booklet for
RYB(117, 155, 146) contains.

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Color

R_YB(117, 155, 146)

Conversions

Conversions Part 1

Format	Color
Hex	7E9B75
RGB	126, 155, 117
RGB Percent	49%, 61%, 46%
CMY	0.5059, 0.3922, 0.5412
CMYK	0.19, 0.00, 0.25, 0.39
HSL	106°, 16%, 53%
HSV	106°, 25%, 61%
XYZ	23.5364, 29.1627, 21.2181
YIQ	141.9970, -5.0860, -17.9660

Conversions

Conversions Part 2

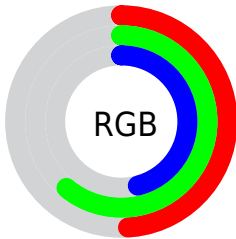
Format	Color
RYB	117, 155, 146
Decimal	8297333
CIELab	60.92, -17.59, 16.68
CIELCh	61, 24.240, 136.529
Yxy	29.1627, 0.3184, 0.3945
Android (android.graphics.Color)	4286487413 (0xFF7E9B75)
YUV	141.9970, -12.3235, -14.0294
Hunter-Lab	54.0025, -16.7069, 14.5061

Details

The RYB color **117, 155, 146** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **146, 117, 155**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **169, 210, 200**, and **69, 104, 97** is the 20% darker color. If you saturate the color by 10%, you get **101, 155, 142**, and if you desaturate by 10%, it is **132, 155, 149**.

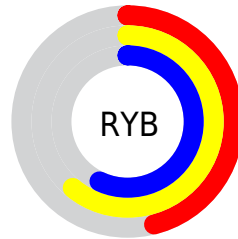
Distribution



Red (49%)

Green (61%)

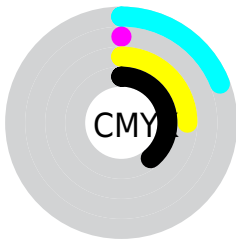
Blue (46%)



Red (46%)

Yellow (61%)

Blue (57%)

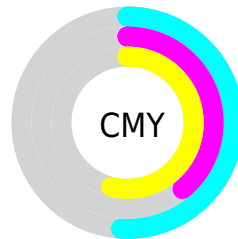


Cyan (19%)

Magenta (0%)

Yellow (25%)

Black (39%)



Cyan (51%)

Magenta (39%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 117, 155, 146 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 117, 155, 146 by changing the saturation by 10% instead.

 117, 155, 146


255, 255, 255

 169, 210, 200

 197, 238, 228


 225, 255, 245

253, 255, 253

 117, 155, 146

 101, 155, 142

 117, 155, 146

 92, 129, 120

 69, 104, 97


 46, 80, 73

 25, 56, 51

 0, 35, 24

 0, 6, 6

 0, 0, 0

 117, 155, 146

 132, 155, 149

■ 86, 155, 139

■ 148, 155, 153

■ 70, 155, 134

■ 161, 155, 164

■ 55, 155, 131

■ 173, 155, 179

■ 40, 155, 128

■ 185, 155, 195

■ 24, 155, 124

■ 197, 155, 210

■ 8, 155, 120

■ 209, 155, 226

■ 0, 155, 118

■ 221, 155, 241

■ 232, 155, 255

Harmonies

Analogous

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



107, 150, 106



117, 155, 146



102, 137, 158

Triad

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



117, 155, 146



107, 136, 188



190, 132, 136

Complementary

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



117, 155, 146



146, 117, 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.



183, 132, 158



117, 155, 146



137, 144, 188

Square

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



117, 155, 146



85, 125, 177



165, 138, 177



186, 143, 117

Rectangle

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



117, 155, 146



89, 126, 159



165, 138, 177



189, 131, 143

Sweetspot

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



117, 155, 146



187, 201, 197



129, 155, 117



94, 102, 100



230, 230, 230



102, 102, 102

Same Dimension

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



117, 155, 146



143, 201, 187



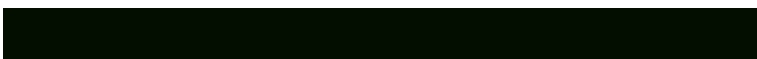
117, 148, 155



69, 77, 75



0, 140, 107



0, 13, 10

Inverse Universe

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



146, 117, 155



188, 143, 201



155, 117, 146



75, 69, 77



107, 0, 140



10, 0, 13

Previews

White Background



This preview shows how the RYB color 117, 155, 146 looks on a white background.

Color Contrast Check

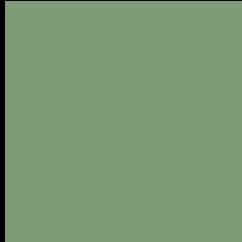
Large Text (above 18pt) WCAG AA ✓ Pass

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 117, 155, 146 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 117, 155, 146 Background



This preview shows how black text looks on a background with the RYB color 117, 155, 146.

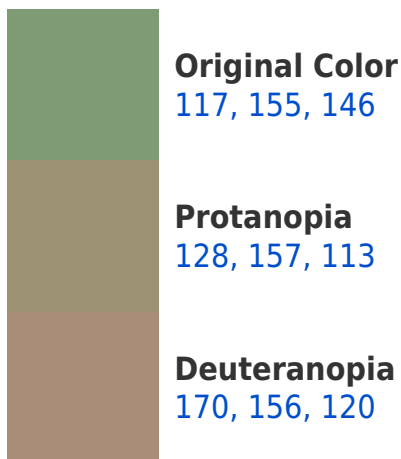


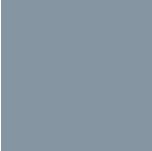
This preview shows how white text looks on a background with the RYB color 117, 155, 146.

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





Tritanopia
133, 143, 161

Trichromacy



Original Color

117, 155, 146

Protanomaly

114, 149, 117

Deuteranomaly

129, 154, 119

Tritanomaly

130, 142, 151

Monochromacy



Original Color

117, 155, 146

Achromatopsia

142, 142, 142

Achromatomaly

133, 147, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 117, 155, 146 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(126, 155, 117)` looks like.

```
.text, #text, p{  
    color:rgb(126, 155, 117)  
}
```

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(126, 155, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 155, 117) }
```

Border

The CSS property to change the border of an element to RYB 117, 155, 146 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(126, 155, 117) }
```

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

```
.border{ border-color:rgb(126, 155, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 155, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 155, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 155, 117);  
box-shadow:4px 4px 4px 4px rgb(126, 155,  
117) }
```

Background

The CSS property to change the background color of an element to RYB 117, 155, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 155, 117) }
```

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

```
.background{ background-color: rgb(126,  
155, 117) }
```

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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