

Converting Colors

`RYB(106, 175, 139)`

Have a look what the booklet for
RYB(106, 175, 139) contains.

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Color

R_YB(106, 175, 139)

Conversions

Conversions Part 1

Format	Color
Hex	8EAF6A
RGB	142, 175, 106
RGB Percent	56%, 69%, 42%
CMY	0.4431, 0.3137, 0.5843
CMYK	0.19, 0.00, 0.39, 0.31
HSL	89°, 30%, 55%
HSV	89°, 39%, 69%
XYZ	29.0868, 37.4513, 19.3315
YIQ	157.2670, 2.4810, -28.4550

Conversions

Conversions Part 2

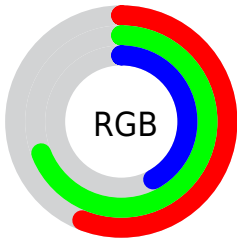
Format	Color
RYB	106, 175, 139
Decimal	9351018
CIELab	67.61, -23.46, 31.75
CIElCh	68, 39.483, 126.461
Yxy	37.4513, 0.3387, 0.4361
Android (android.graphics.Color)	4287541098 (0xFF8EAF6A)
YUV	157.2670, -25.2746, -13.3892
Hunter-Lab	61.1975, -22.2556, 24.1093

Details

The RYB color **106, 175, 139** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **139, 106, 175**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **158, 231, 192**, and **57, 122, 89** is the 20% darker color. If you saturate the color by 10%, you get **89, 175, 130**, and if you desaturate by 10%, it is **124, 175, 149**.

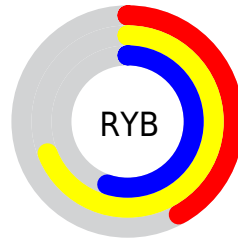
Distribution



Red (56%)

Green (69%)

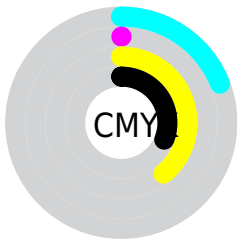
Blue (42%)



Red (42%)

Yellow (69%)

Blue (55%)

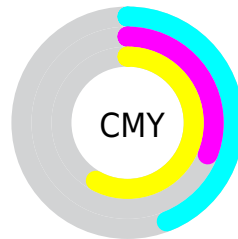


Cyan (19%)

Magenta (0%)

Yellow (39%)

Black (31%)



Cyan (44%)

Magenta (31%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 106, 175, 139 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 106, 175, 139 by changing the saturation by 10% instead.

 106, 175, 139

255, 255, 255


 158, 231, 192

 185, 255, 215

 213, 255, 214

 242, 255, 242

 106, 175, 139

 81, 148, 113

 57, 122, 89

 34, 97, 66


 9, 73, 41

 0, 50, 31


 0, 31, 31

 0, 0, 0

 106, 175, 139

 89, 175, 130

 106, 175, 139

 124, 175, 149

■ 71, 175, 121

■ 141, 175, 157

■ 54, 175, 112

■ 159, 175, 167

■ 36, 175, 102

■ 175, 175, 176

■ 19, 175, 94

■ 184, 175, 194

■ 1, 175, 84

■ 192, 175, 211

■ 0, 175, 84

■ 201, 175, 229

■ 209, 175, 246

■ 217, 175, 255

Harmonies

Analogous

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



111, 180, 93



106, 175, 139



97, 155, 181

Triad

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



106, 175, 139



52, 125, 229



233, 136, 158

Complementary

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



106, 175, 139



139, 106, 175

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.



216, 141, 194



106, 175, 139



124, 154, 235

Square

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



106, 175, 139



0, 97, 206



179, 153, 222



230, 144, 124

Rectangle

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



106, 175, 139



61, 129, 183



179, 153, 222



229, 137, 170

Sweetspot

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



106, 175, 139



200, 227, 213



175, 166, 106



99, 115, 107



242, 242, 242



115, 115, 115

Same Dimension

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



106, 175, 139



120, 227, 171



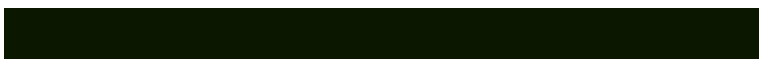
106, 175, 173



78, 87, 82



0, 150, 72



0, 23, 11

Inverse Universe

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



139, 106, 175



171, 120, 227



173, 106, 175



82, 78, 87



72, 0, 150



11, 0, 23

Previews

White Background



This preview shows how the RYB color 106, 175, 139 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 106, 175, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

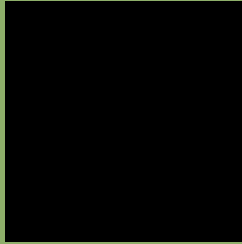
Any Text WCAG AA ✓ Pass

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](#).

RYB 106, 175, 139 Background



This preview shows how black text looks on a background with the RYB color 106, 175, 139.



This preview shows how white text looks on a background with the RYB color 106, 175, 139.

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](#).

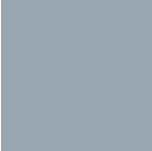
Dichromacy



Original Color
106, 175, 139

Protanopia
121, 179, 102

Deuteranopia
184, 197, 110



Tritanopia
153, 162, 179

Trichromacy



Original Color
106, 175, 139

Protanomaly
103, 168, 105

Deuteranomaly
125, 177, 109

Tritanomaly
149, 166, 169

Monochromacy



Original Color
106, 175, 139

Achromatopsia
157, 157, 157

Achromatomaly
138, 164, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 175, 139 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(142, 175, 106) looks like.

```
.text, #text, p{  
    color:rgb(142, 175, 106)  
}
```

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(142, 175, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 175, 106) }
```

Border

The CSS property to change the border of an element to RYB 106, 175, 139 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(142, 175, 106) }
```

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

```
.border{ border-color:rgb(142, 175, 106) }
```

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

Here you see how a box with a 4 pixel rgb(142, 175, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 175, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 175, 106);  
box-shadow:4px 4px 4px 4px rgb(142, 175,  
106) }
```

Background

The CSS property to change the background color of an element to RYB 106, 175, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 175, 106) }
```

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

```
.background{ background-color: rgb(142,  
175, 106) }
```

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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