

Converting Colors

`RYB(99, 140, 133)`

Have a look what the booklet for
RYB(99, 140, 133) contains.

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Color

R_YB(99, 140, 133)

Conversions

Conversions Part 1

Format	Color
Hex	6A8C63
RGB	106, 140, 99
RGB Percent	42%, 55%, 39%
CMY	0.5843, 0.4510, 0.6118
CMYK	0.24, 0.00, 0.29, 0.45
HSL	110°, 17%, 47%
HSV	110°, 29%, 55%
XYZ	17.5741, 22.7212, 15.2638
YIQ	125.1600, -7.1030, -19.9590

Conversions

Conversions Part 2

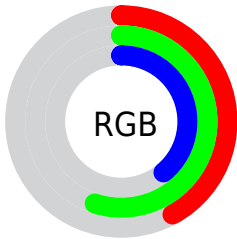
Format	Color
R_{YB}	99, 140, 133
Decimal	6982755
CIE _{Lab}	54.78, -20.25, 18.15
CIE _{LCh}	55, 27.194, 138.143
Yxy	22.7212, 0.3163, 0.4090
Android (android.graphics.Color)	4285172835 (0xFF6A8C63)
YUV	125.1600, -12.8969, -16.8033
Hunter-Lab	47.6668, -17.6063, 14.3810

Details

The RYB color **99, 140, 133** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **133, 99, 140**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **150, 194, 186**, and **52, 90, 85** is the 20% darker color. If you saturate the color by 10%, you get **85, 140, 131**, and if you desaturate by 10%, it is **113, 140, 135**.

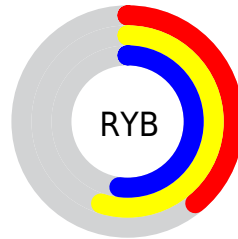
Distribution



Red (42%)

Green (55%)

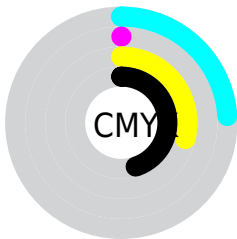
Blue (39%)



Red (39%)

Yellow (55%)

Blue (52%)

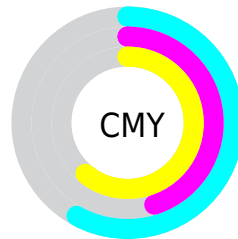


Cyan (24%)

Magenta (0%)

Yellow (29%)

Black (45%)



Cyan (58%)

Magenta (45%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RYB color 99, 140, 133 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 99, 140, 133 by changing the saturation by 10% instead.



99, 140, 133



99, 140, 133

255, 255, 255



75, 114, 108



150, 194, 186



52, 90, 85



177, 222, 214



30, 66, 62



204, 250, 241



7, 44, 39



233, 255, 246



0, 25, 25



0, 0, 0



99, 140, 133



99, 140, 133



85, 140, 131



113, 140, 135



71, 140, 128



127, 140, 138

■ 57, 140, 126

■ 141, 140, 141

■ 43, 140, 123

■ 152, 140, 155

■ 29, 140, 121

■ 164, 140, 169

■ 15, 140, 119

■ 176, 140, 183

■ 1, 140, 116

■ 187, 140, 197

■ 0, 140, 116

■ 199, 140, 211

■ 210, 140, 225

Harmonies

Analogous

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



86, 134, 87



99, 140, 133



78, 117, 143

Triad

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



99, 140, 133



85, 118, 177



178, 114, 118

Complementary

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



99, 140, 133



133, 99, 140

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.



171, 114, 141



99, 140, 133



121, 127, 176

Square

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



99, 140, 133



54, 103, 165



152, 120, 163



172, 128, 97

Rectangle

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



99, 140, 133



60, 104, 144



152, 120, 163



177, 113, 125

Sweetspot

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



99, 140, 133



165, 181, 178



109, 140, 99



82, 92, 91



219, 219, 219



92, 92, 92

Same Dimension

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



99, 140, 133



118, 181, 170



99, 130, 140



62, 69, 68



0, 133, 110



0, 5, 4

Inverse Universe

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



133, 99, 140



170, 118, 181



140, 99, 127



68, 62, 69



110, 0, 133



4, 0, 5

Previews

White Background



This preview shows how the RYB color 99, 140, 133 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 99, 140, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

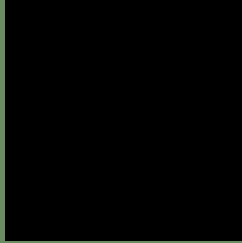
Any Text WCAG AA ✓ Pass

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_YB 99, 140, 133 Background



This preview shows how black text looks on a background with the R_YB color 99, 140, 133.

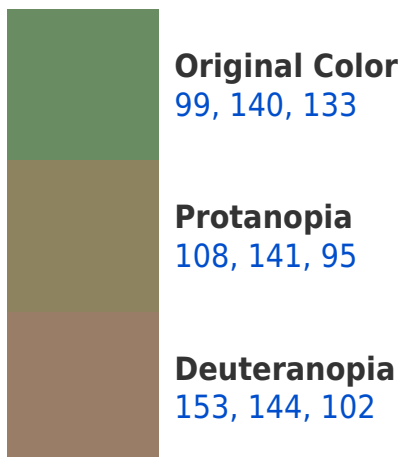


This preview shows how white text looks on a background with the R_YB color 99, 140, 133.

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
114, 126, 145

Trichromacy



Original Color
99, 140, 133

Protanomaly
96, 134, 102

Deuteranomaly
108, 136, 101

Tritanomaly
111, 126, 136

Monochromacy



Original Color
99, 140, 133

Achromatopsia
125, 125, 125

Achromatomaly
116, 130, 128

CSS Examples

Text

The CSS property to change the color of the text to RYB 99, 140, 133 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(106, 140, 99)` looks like.

```
.text, #text, p{  
    color:rgb(106, 140, 99)  
}
```

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(106, 140, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 140, 99) }
```

Border

The CSS property to change the border of an element to RYB 99, 140, 133 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(106, 140, 99) }
```

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

```
.border{ border-color:rgb(106, 140, 99) }
```

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

Here you see how a box with a 4 pixel rgb(106, 140, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 140, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 140, 99);  
box-shadow:4px 4px 4px 4px rgb(106, 140,  
99) }
```

Background

The CSS property to change the background color of an element to RYB 99, 140, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 140, 99) }
```

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

```
.background{ background-color: rgb(106,  
140, 99) }
```

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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