

Converting Colors

`RYB(145, 182, 150)`

Have a look what the booklet for
RYB(145, 182, 150) contains.

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Color

R_YB(145, 182, 150)

Conversions

Conversions Part 1

Format	Color
Hex	B1B691
RGB	177, 182, 145
RGB Percent	69%, 71%, 57%
CMY	0.3059, 0.2863, 0.4314
CMYK	0.03, 0.00, 0.20, 0.29
HSL	68°, 20%, 64%
HSV	68°, 20%, 71%
XYZ	39.9702, 44.8473, 33.3378
YIQ	176.2870, 8.8970, -12.5670

Conversions

Conversions Part 2

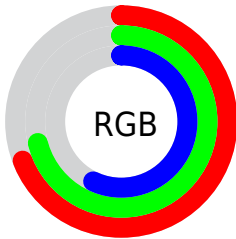
Format	Color
RYB	145, 182, 150
Decimal	11646609
CIELab	72.79, -8.12, 18.29
CIElCh	73, 20.010, 113.939
Yxy	44.8473, 0.3383, 0.3796
Android (android.graphics.Color)	4289836689 (0xFFB1B691)
YUV	176.2870, -15.4245, 0.6253
Hunter-Lab	66.9682, -10.6558, 17.3622

Details

The RYB color **145, 182, 150** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **150, 145, 182**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **199, 238, 204**, and **94, 129, 99** is the 20% darker color. If you saturate the color by 10%, you get **127, 182, 134**, and if you desaturate by 10%, it is **163, 182, 166**.

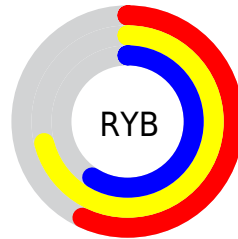
Distribution



Red (69%)

Green (71%)

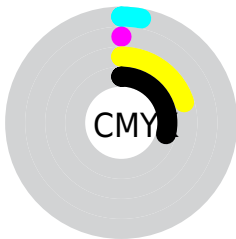
Blue (57%)



Red (57%)

Yellow (71%)

Blue (59%)

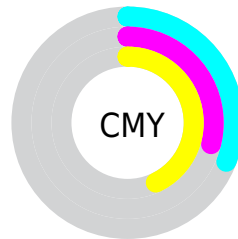


Cyan (3%)

Magenta (0%)

Yellow (20%)

Black (29%)



Cyan (31%)

Magenta (29%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 182, 150 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 145, 182, 150 by changing the saturation by 10% instead.

 145, 182, 150

255, 255, 255


 199, 238, 204

 227, 255, 227

 145, 182, 150


 119, 155, 124


 94, 129, 99

 71, 104, 76

 48, 80, 53

 26, 57, 31

 1, 36, 6

 0, 15, 15

 0, 0, 0

 145, 182, 150

 145, 182, 150

■ 127, 182, 134

■ 163, 182, 166

■ 109, 182, 119

■ 181, 182, 181

■ 90, 182, 102

■ 184, 182, 200

■ 72, 182, 87

■ 187, 182, 218

■ 54, 182, 71

■ 189, 182, 236

■ 36, 182, 56

■ 192, 182, 254

■ 18, 182, 40

■ 194, 182, 255

■ 0, 182, 25

■ 197, 182, 255

■ 199, 182, 255

Harmonies

Analogous

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



174, 196, 142



145, 182, 150



156, 186, 187

Triad

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



145, 182, 150



134, 165, 208



213, 166, 183

Complementary

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



145, 182, 150



150, 145, 182

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.



199, 169, 200



145, 182, 150



153, 172, 215

Square

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



145, 182, 150



129, 160, 193



177, 175, 212



217, 166, 165

Rectangle

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



145, 182, 150



143, 172, 188



177, 175, 212



209, 167, 189

Sweetspot

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



145, 182, 150



223, 237, 225



182, 151, 145



111, 120, 112



247, 247, 247



120, 120, 120

Same Dimension

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



145, 182, 150



180, 237, 188



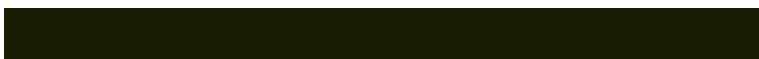
145, 182, 168



83, 92, 84



0, 156, 21



0, 28, 4

Inverse Universe

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



150, 145, 182



188, 180, 237



168, 145, 182



84, 83, 92



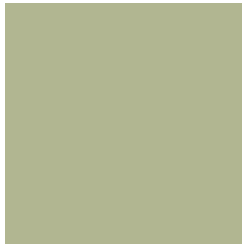
21, 0, 156



4, 0, 28

Previews

White Background



This preview shows how the RYB color 145, 182, 150 looks on a white background.

Color Contrast Check

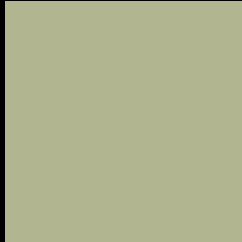
Large Text (above 18pt) WCAG AA × Fail

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 145, 182, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

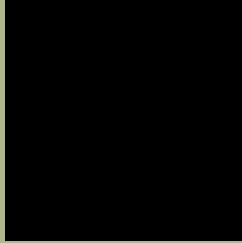
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

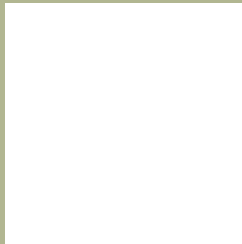
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 145, 182, 150 Background



This preview shows how black text looks on a background with the RYB color 145, 182, 150.



This preview shows how white text looks on a background with the RYB color 145, 182, 150.

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
145, 182, 150

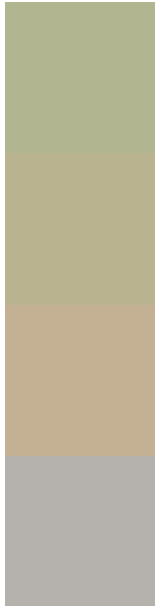
Protanopia
157, 189, 143

Deuteranopia
207, 190, 147



Tritanopia
183, 176, 190

Trichromacy



Original Color
145, 182, 150

Protanomaly
151, 185, 144

Deuteranomaly
179, 196, 146

Tritanomaly
179, 181, 174

Monochromacy



Original Color
145, 182, 150

Achromatopsia
176, 176, 176

Achromatomaly
165, 178, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 182, 150 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(177, 182, 145)` looks like.

```
.text, #text, p{  
    color:rgb(177, 182, 145)  
}
```

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(177, 182, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 182, 145) }
```

Border

The CSS property to change the border of an element to RYB 145, 182, 150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

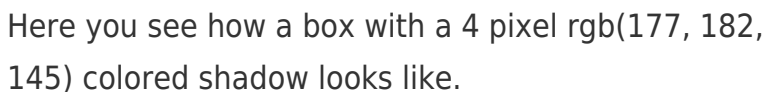
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 182, 145) }
```

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

```
.border{ border-color:rgb(177, 182, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 182, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 182, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 182, 145);  
box-shadow:4px 4px 4px 4px rgb(177, 182,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 145, 182, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 182, 145) }
```

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

```
.background{ background-color: rgb(177,  
182, 145) }
```

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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