

Converting Colors

`RYB(157, 182, 145)`

Have a look what the booklet for
RYB(157, 182, 145) contains.

RYB(157, 182, 145)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(157, 182, 145)

Conversions

Conversions Part 1

Format	Color
Hex	B6AD91
RGB	182, 173, 145
RGB Percent	71%, 68%, 57%
CMY	0.2863, 0.3218, 0.4314
CMYK	0.00, 0.05, 0.20, 0.29
HSL	45°, 20%, 64%
HSV	45°, 20%, 71%
XYZ	39.3341, 41.8531, 32.7934
YIQ	172.4990, 14.3520, -6.8000

Conversions

Conversions Part 2

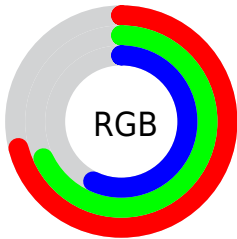
Format	Color
RYB	157, 182, 145
Decimal	11971985
CIELab	70.77, -1.40, 15.54
CIELCh	71, 15.604, 95.159
Yxy	41.8531, 0.3451, 0.3672
Android (android.graphics.Color)	4290162065 (0xFFB6AD91)
YUV	172.4990, -13.5570, 8.3324
Hunter-Lab	64.6940, -4.6860, 15.2317

Details

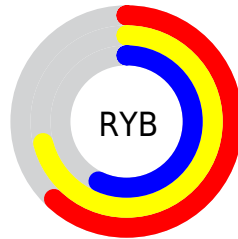
The RYB color **157, 182, 145** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **145, 152, 182**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **212, 238, 199**, and **104, 129, 94** is the 20% darker color. If you saturate the color by 10%, you get **146, 182, 127**, and if you desaturate by 10%, it is **170, 182, 163**.

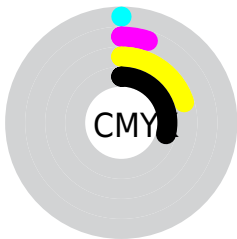
Distribution



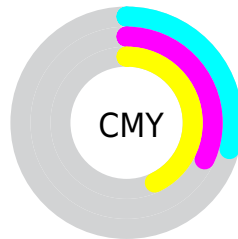
- Red (71%)
- Green (68%)
- Blue (57%)



- Red (62%)
- Yellow (71%)
- Blue (57%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (29%)



- Cyan (29%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 182, 145 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 157, 182, 145 by changing the saturation by 10% instead.


 157, 182, 145

255, 255, 255


 212, 238, 199

 227, 255, 227

 157, 182, 145

 131, 155, 119

 104, 129, 94

 80, 103, 71


 57, 79, 48


 35, 56, 27

 8, 35, 1


 0, 4, 3


 0, 0, 0


 157, 182, 145

 157, 182, 145

 146, 182, 127


 170, 182, 163


 133, 182, 109

 181, 182, 181

 119, 182, 90

 182, 185, 200

 108, 182, 72


 182, 189, 218


 95, 182, 54


 182, 192, 236

 84, 182, 36

 182, 196, 254

 71, 182, 18

 182, 199, 255

 60, 182, 0

 182, 202, 255

 182, 204, 255

Harmonies

Analogous

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



195, 183, 148



157, 182, 145



150, 177, 161

Triad

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



157, 182, 145



136, 160, 189



194, 165, 185

Complementary

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



157, 182, 145



145, 152, 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.



179, 169, 196



157, 182, 145



145, 165, 198

Square

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



157, 182, 145



139, 162, 182



161, 171, 201



202, 163, 171

Rectangle

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



157, 182, 145



155, 178, 180



161, 171, 201



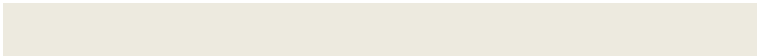
190, 166, 190

Sweetspot

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



157, 182, 145



227, 237, 223



182, 145, 154



114, 120, 111



247, 247, 247



120, 120, 120

Same Dimension

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



157, 182, 145



199, 237, 180



145, 182, 154



86, 92, 83



52, 156, 0



9, 28, 0

Inverse Universe

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



145, 152, 182



180, 191, 237



154, 145, 182



83, 85, 92



0, 31, 156



0, 6, 28

Previews

White Background



This preview shows how the RYB color 157, 182, 145 looks on a white background.

Color Contrast Check

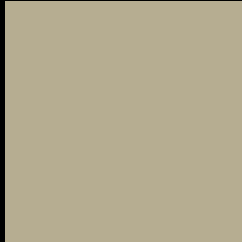
Large Text (above 18pt) WCAG AA × Fail

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 157, 182, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

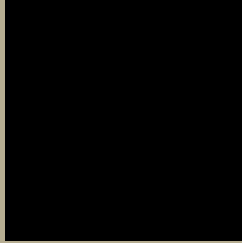
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

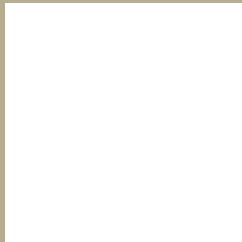
Any Text WCAG AAA ✓ Pass

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

R Y B 157, 182, 145 Background



This preview shows how black text looks on a background with the R Y B color 157, 182, 145.



This preview shows how white text looks on a background with the R Y B color 157, 182, 145.

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

157, 182, 145

Protanopia

159, 183, 145

Deuteranopia

199, 181, 146



Tritanopia
187, 168, 181

Trichromacy



Original Color

157, 182, 145

Protanomaly

159, 183, 145

Deuteranomaly

193, 191, 146

Tritanomaly

185, 170, 168

Monochromacy



Original Color

157, 182, 145

Achromatopsia

172, 172, 172

Achromatomaly

168, 176, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 182, 145 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(182, 173, 145)` looks like.

```
.text, #text, p{  
    color:rgb(182, 173, 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(182, 173, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 173, 145) }
```

Border

The CSS property to change the border of an element to RYB 157, 182, 145 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(182, 173, 145) }
```

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

```
.border{ border-color:rgb(182, 173, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 173, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 173, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 173, 145);  
box-shadow:4px 4px 4px 4px rgb(182, 173,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 157, 182, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 173, 145) }
```

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

```
.background{ background-color: rgb(182,  
173, 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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