

Converting Colors

`RYB(154, 190, 171)`

Have a look what the booklet for
RYB(154, 190, 171) contains.

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Color

R_YB(154, 190, 171)

Conversions

Conversions Part 1

Format	Color
Hex	ADBE9A
RGB	173, 190, 154
RGB Percent	68%, 75%, 60%
CMY	0.3216, 0.2549, 0.3961
CMYK	0.09, 0.00, 0.19, 0.25
HSL	88°, 22%, 67%
HSV	88°, 19%, 75%
XYZ	41.4798, 48.0442, 37.6591
YIQ	180.8130, 1.4240, -14.8000

Conversions

Conversions Part 2

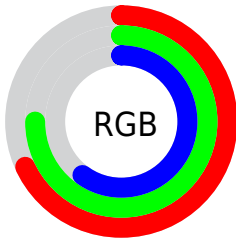
Format	Color
RYB	154, 190, 171
Decimal	11386522
CIELab	74.85, -12.35, 16.25
CIELCh	75, 20.412, 127.224
Yxy	48.0442, 0.3261, 0.3778
Android (android.graphics.Color)	4289576602 (0xFFADBE9A)
YUV	180.8130, -13.2188, -6.8520
Hunter-Lab	69.3140, -14.4791, 16.3068

Details

The RYB color **154, 190, 171** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **171, 154, 190**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **208, 246, 225**, and **103, 137, 120** is the 20% darker color. If you saturate the color by 10%, you get **135, 190, 161**, and if you desaturate by 10%, it is **173, 190, 181**.

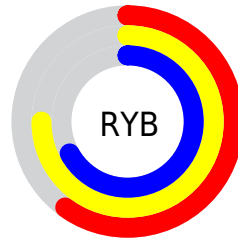
Distribution



Red (68%)

Green (75%)

Blue (60%)



Red (60%)

Yellow (75%)

Blue (67%)

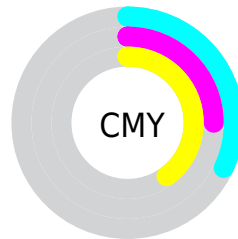


Cyan (9%)

Magenta (0%)

Yellow (19%)

Black (25%)



Cyan (32%)


Magenta (25%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 190, 171 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 154, 190, 171 by changing the saturation by 10% instead.


 154, 190, 171

255, 255, 255

 208, 246, 225

 237, 255, 237

 154, 190, 171

 128, 163, 145

 103, 137, 120

 79, 111, 95


 56, 87, 72


 34, 64, 49

 12, 41, 26


 0, 22, 22


 0, 0, 0


 154, 190, 171


 154, 190, 171


 135, 190, 161


 173, 190, 181


 116, 190, 151


 191, 190, 192


 97, 190, 141


 200, 190, 211

 78, 190, 131


 209, 190, 230


 59, 190, 121


 218, 190, 249


 40, 190, 111


 227, 190, 255


 21, 190, 101

 236, 190, 255

 2, 190, 91

 245, 190, 255

 0, 190, 90

 254, 190, 255

Harmonies

Analogous

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



160, 194, 147



154, 190, 171



152, 182, 194

Triad

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



154, 190, 171



146, 173, 218



223, 171, 180

Complementary

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



154, 190, 171



171, 154, 190

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.



213, 173, 199



154, 190, 171



169, 181, 221

Square

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



154, 190, 171



134, 167, 206



193, 178, 214



222, 175, 162

Rectangle

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



154, 190, 171



141, 172, 195



193, 178, 214



220, 171, 187

Sweetspot

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



154, 190, 171



233, 247, 240



190, 186, 154



116, 125, 120



252, 252, 252



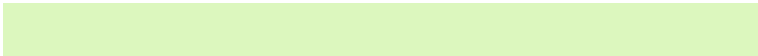
125, 125, 125

Same Dimension

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



154, 190, 171



190, 247, 217



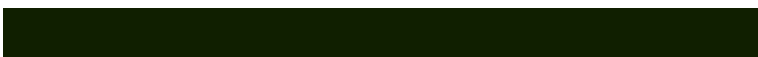
154, 190, 189



85, 94, 89



0, 158, 75



0, 31, 15

Inverse Universe

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



171, 154, 190



217, 190, 247



189, 154, 190



89, 85, 94



75, 0, 158



14, 0, 31

Previews

White Background



This preview shows how the RYB color 154, 190, 171 looks on a white background.

Color Contrast Check

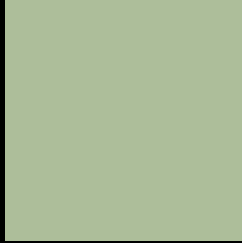
Large Text (above 18pt) WCAG AA × Fail

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 154, 190, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

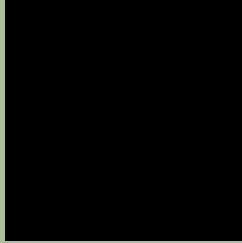
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

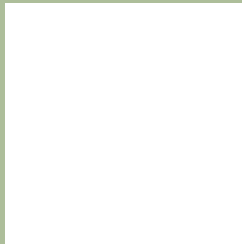
Any Text WCAG AAA ✓ Pass

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

RYB 154, 190, 171 Background



This preview shows how black text looks on a background with the RYB color 154, 190, 171.

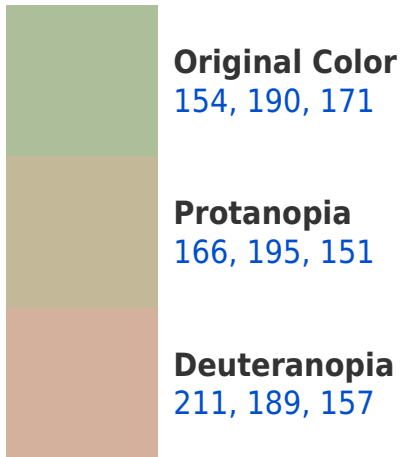


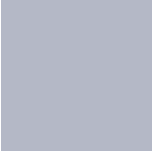
This preview shows how white text looks on a background with the RYB color 154, 190, 171.

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](#).

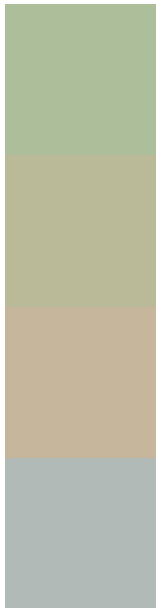
Dichromacy





Tritanopia
180, 183, 198

Trichromacy



Original Color

154, 190, 171

Protanomaly

153, 187, 152

Deuteranomaly

180, 197, 156

Tritanomaly

177, 183, 186

Monochromacy



Original Color

154, 190, 171

Achromatopsia

181, 181, 181

Achromatomaly

171, 184, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 190, 171 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(173, 190, 154)` looks like.

```
.text, #text, p{  
    color:rgb(173, 190, 154)  
}
```

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(173, 190, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 190, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 190, 171 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(173, 190, 154) }
```

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

```
.border{ border-color:rgb(173, 190, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 190, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 190, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 190, 154);  
box-shadow:4px 4px 4px 4px rgb(173, 190,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 190, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 190, 154) }
```

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

```
.background{ background-color: rgb(173,  
190, 154) }
```

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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