

Converting Colors

`RYB(131, 173, 140)`

Have a look what the booklet for
RYB(131, 173, 140) contains.

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Color

R_YB(131, 173, 140)

Conversions

Conversions Part 1

Format	Color
Hex	A4AD83
RGB	164, 173, 131
RGB Percent	64%, 68%, 51%
CMY	0.3569, 0.3216, 0.4863
CMYK	0.05, 0.00, 0.24, 0.32
HSL	73°, 20%, 60%
HSV	73°, 24%, 68%
XYZ	34.3501, 39.4183, 27.2708
YIQ	165.5210, 8.1180, -14.9700

Conversions

Conversions Part 2

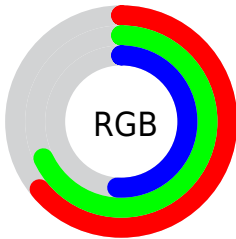
Format	Color
RYB	131, 173, 140
Decimal	10792323
CIELab	69.05, -10.46, 20.57
CIELCh	69, 23.080, 116.945
Yxy	39.4183, 0.3400, 0.3901
Android (android.graphics.Color)	4288982403 (0xFFA4AD83)
YUV	165.5210, -17.0189, -1.3339
Hunter-Lab	62.7840, -12.2119, 18.1957

Details

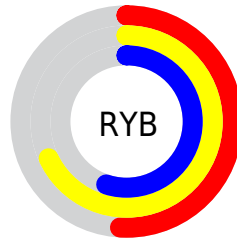
The RYB color **131, 173, 140** is a light color, and the websafe version is hex **999966**. A complement of this color would be **140, 131, 173**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **184, 228, 193**, and **81, 121, 90** is the 20% darker color. If you saturate the color by 10%, you get **114, 173, 127**, and if you desaturate by 10%, it is **148, 173, 153**.

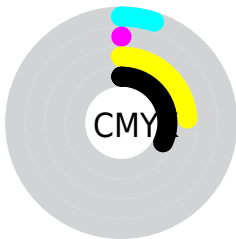
Distribution



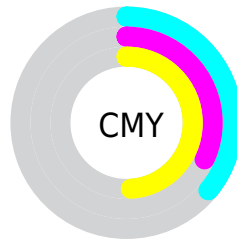
- Red (64%)
- Green (68%)
- Blue (51%)



- Red (51%)
- Yellow (68%)
- Blue (55%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (32%)




- Cyan (36%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 173, 140 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 131, 173, 140 by changing the saturation by 10% instead.


 131, 173, 140


255, 255, 255


 184, 228, 193

 212, 255, 219

 240, 255, 240

 131, 173, 140

 106, 146, 115

 81, 121, 90

 58, 96, 67

 36, 72, 45


 15, 50, 24

 0, 29, 9


 0, 0, 0

 131, 173, 140

 114, 173, 127

 131, 173, 140


 148, 173, 153

 96, 173, 112

 166, 173, 168

 79, 173, 99

 175, 173, 183

 62, 173, 86


 179, 173, 200


 44, 173, 72


 183, 173, 218

 27, 173, 58

 186, 173, 235

 10, 173, 45

 190, 173, 252

 0, 173, 37

 194, 173, 255

 197, 173, 255

Harmonies

Analogous

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



157, 186, 127



131, 173, 140



140, 174, 178

Triad

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



131, 173, 140



117, 152, 203



208, 154, 171

Complementary

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



131, 173, 140



140, 131, 173

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.



194, 157, 192



131, 173, 140



141, 162, 210

Square

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



131, 173, 140



109, 146, 187



169, 164, 206



211, 155, 151

Rectangle

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



131, 173, 140



125, 159, 180



169, 164, 206



205, 154, 179

Sweetspot

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



131, 173, 140



209, 224, 212



173, 141, 131



103, 112, 105



240, 240, 240



112, 112, 112

Same Dimension

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



131, 173, 140



159, 224, 173



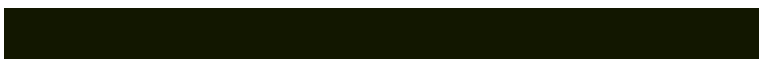
131, 173, 160



78, 87, 80



0, 150, 32



0, 23, 5

Inverse Universe

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



140, 131, 173



173, 159, 224



160, 131, 173



80, 78, 87



32, 0, 150



5, 0, 23

Previews

White Background



This preview shows how the RYB color 131, 173, 140 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 131, 173, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

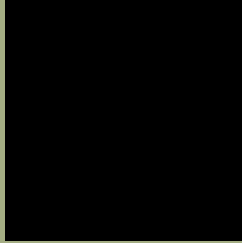
Any Text WCAG AA ✓ Pass

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 131, 173, 140 Background



This preview shows how black text looks on a background with the RYB color 131, 173, 140.




This preview shows how white text looks on a background with the RYB color 131, 173, 140.

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](#).

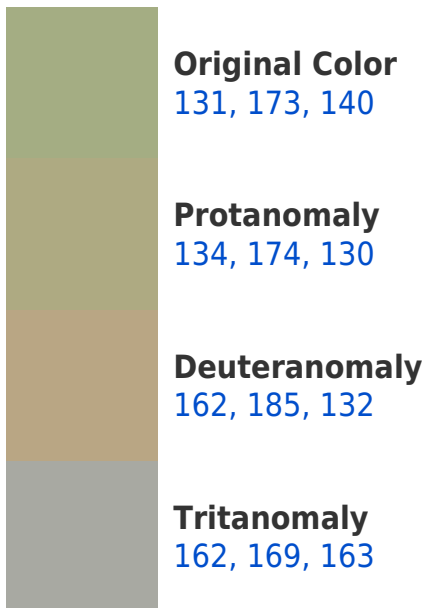
Dichromacy



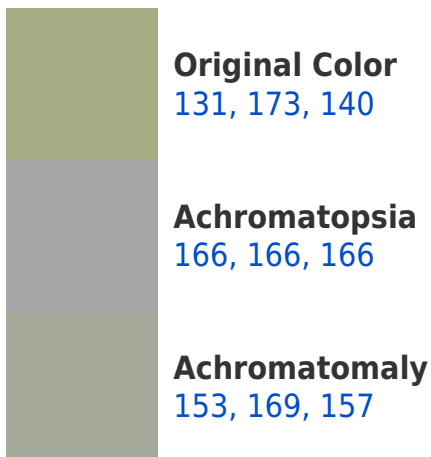


Tritanopia
171, 167, 180

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 173, 140 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(164, 173, 131)` looks like.

```
.text, #text, p{  
    color:rgb(164, 173, 131)  
}
```

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(164, 173, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 173, 131) }
```

Border

The CSS property to change the border of an element to RYB 131, 173, 140 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(164, 173, 131) }
```

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

```
.border{ border-color:rgb(164, 173, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 173, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 173, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 173, 131);  
box-shadow:4px 4px 4px 4px rgb(164, 173,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 131, 173, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 173, 131) }
```

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

```
.background{ background-color: rgb(164,  
173, 131) }
```

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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