

Converting Colors

`RYB(140, 171, 129)`

Have a look what the booklet for
RYB(140, 171, 129) contains.

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Color

R_YB(140, 171, 129)

Conversions

Conversions Part 1

Format	Color
Hex	ABA281
RGB	171, 162, 129
RGB Percent	67%, 64%, 51%
CMY	0.3294, 0.3636, 0.4941
CMYK	0.00, 0.05, 0.25, 0.33
HSL	48°, 20%, 59%
HSV	48°, 25%, 67%
XYZ	33.7273, 36.1834, 25.9754
YIQ	160.9290, 15.9570, -8.3550

Conversions

Conversions Part 2

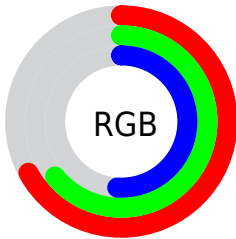
Format	Color
RYB	140, 171, 129
Decimal	11248257
CIELab	66.66, -2.31, 18.48
CIElCh	67, 18.620, 97.120
Yxy	36.1834, 0.3517, 0.3774
Android (android.graphics.Color)	4289438337 (0xFFABA281)
YUV	160.9290, -15.7410, 8.8323
Hunter-Lab	60.1526, -5.1831, 16.5040

Details

The RYB color **140, 171, 129** is a light color, and the websafe version is hex **999966**. A complement of this color would be **129, 136, 171**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **195, 227, 182**, and **89, 118, 80** is the 20% darker color. If you saturate the color by 10%, you get **127, 171, 112**, and if you desaturate by 10%, it is **152, 171, 146**.

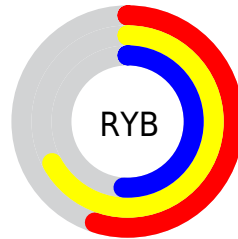
Distribution



Red (67%)

Green (64%)

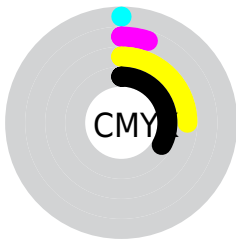
Blue (51%)



Red (55%)

Yellow (67%)

Blue (51%)

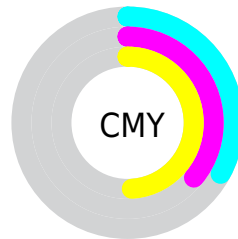


Cyan (0%)

Magenta (5%)

Yellow (25%)

Black (33%)



Cyan (33%)


Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 171, 129 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 140, 171, 129 by changing the saturation by 10% instead.


 140, 171, 129


255, 255, 255

 195, 227, 182

 221, 255, 210

 238, 255, 238

 140, 171, 129


 114, 144, 104

 89, 118, 80

 65, 93, 56


 42, 69, 35

 19, 46, 13


 5, 25, 0

 0, 0, 0

 140, 171, 129

 127, 171, 112

 140, 171, 129

 152, 171, 146

■ 115, 171, 95

■ 166, 171, 163

■ 102, 171, 78

■ 171, 173, 180

■ 90, 171, 61

■ 171, 175, 197

■ 76, 171, 43

■ 171, 178, 214

■ 64, 171, 26

■ 171, 182, 232

■ 52, 171, 9

■ 171, 184, 249

■ 44, 171, 0

■ 171, 187, 255

■ 171, 189, 255

Harmonies

Analogous

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



186, 179, 132



140, 171, 129



135, 167, 150

Triad

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



140, 171, 129



117, 146, 182



187, 152, 175

Complementary

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



140, 171, 129



129, 136, 171

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.



170, 157, 189



140, 171, 129



128, 152, 192

Square

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



140, 171, 129



120, 148, 172



148, 159, 195



196, 150, 159

Rectangle

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



140, 171, 129



140, 166, 170



148, 159, 195



182, 153, 181

Sweetspot

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



140, 171, 129



210, 222, 206



171, 129, 138



106, 112, 103



240, 240, 240



112, 112, 112

Same Dimension

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



140, 171, 129



176, 222, 158



129, 171, 141



81, 87, 78



39, 150, 0



6, 23, 0

Inverse Universe

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



129, 136, 171



158, 169, 222



141, 129, 171



78, 80, 87



0, 26, 150



0, 4, 23

Previews

White Background



This preview shows how the RYB color 140, 171, 129 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 140, 171, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

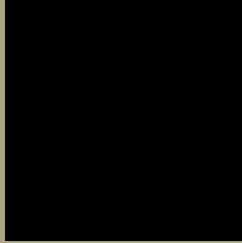
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

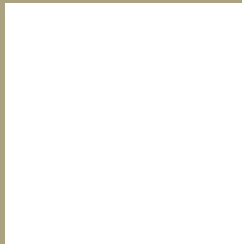
Any Text WCAG AAA ✓ Pass

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

R Y B 140, 171, 129 Background



This preview shows how black text looks on a background with the R Y B color 140, 171, 129.



This preview shows how white text looks on a background with the R Y B color 140, 171, 129.

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
140, 171, 129

Protanopia
142, 172, 129

Deuteranopia
189, 176, 130



Tritanopia
176, 157, 169

Trichromacy



Original Color

140, 171, 129

Protanomaly

142, 172, 129

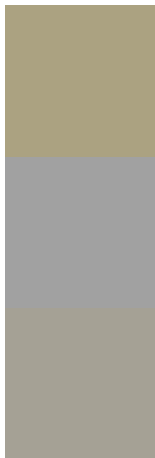
Deuteranomaly

175, 182, 130

Tritanomaly

174, 161, 154

Monochromacy



Original Color

140, 171, 129

Achromatopsia

161, 161, 161

Achromatomaly

154, 165, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 171, 129 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(171, 162, 129) looks like.

```
.text, #text, p{  
    color:rgb(171, 162, 129)  
}
```

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(171, 162, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 162, 129) }
```

Border

The CSS property to change the border of an element to RYB 140, 171, 129 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(171, 162, 129) }
```

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

```
.border{ border-color:rgb(171, 162, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 162, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 162, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 162, 129);  
box-shadow:4px 4px 4px 4px rgb(171, 162,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 140, 171, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 162, 129) }
```

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

```
.background{ background-color: rgb(171,  
162, 129) }
```

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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