

Converting Colors

`RYB(150, 176, 130)`

Have a look what the booklet for
RYB(150, 176, 130) contains.

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Color

R_YB(150, 176, 130)

Conversions

Conversions Part 1

Format	Color
Hex	B0A282
RGB	176, 162, 130
RGB Percent	69%, 64%, 51%
CMY	0.3098, 0.3645, 0.4902
CMYK	0.00, 0.08, 0.26, 0.31
HSL	42°, 23%, 60%
HSV	42°, 26%, 69%
XYZ	34.8648, 36.7038, 26.3661
YIQ	162.5380, 18.6160, -6.9840

Conversions

Conversions Part 2

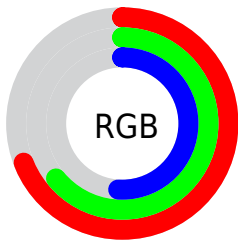
Format	Color
RYB	150, 176, 130
Decimal	11575938
CIELab	67.05, -0.07, 18.54
CIELCh	67, 18.538, 90.223
Yxy	36.7038, 0.3560, 0.3748
Android (android.graphics.Color)	4289766018 (0xFFB0A282)
YUV	162.5380, -16.0412, 11.8062
Hunter-Lab	60.5837, -3.2981, 16.6055

Details

The RYB color **150, 176, 130** is a light color, and the websafe version is hex **999966**. A complement of this color would be **130, 141, 176**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **205, 232, 183**, and **97, 123, 80** is the 20% darker color. If you saturate the color by 10%, you get **139, 176, 112**, and if you desaturate by 10%, it is **161, 176, 148**.

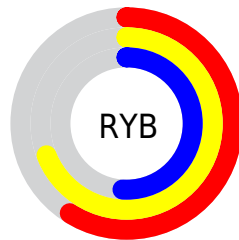
Distribution



Red (69%)

Green (64%)

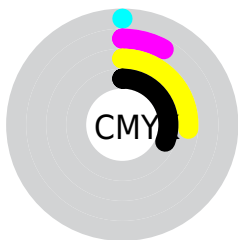
Blue (51%)



Red (59%)

Yellow (69%)

Blue (51%)

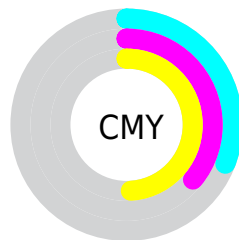


Cyan (0%)

Magenta (8%)

Yellow (26%)

Black (31%)



Cyan (31%)


Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 176, 130 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 150, 176, 130 by changing the saturation by 10% instead.


 150, 176, 130


255, 255, 255

 205, 232, 183

 224, 255, 211

 239, 255, 239

 150, 176, 130


 123, 149, 105

 97, 123, 80

 74, 98, 57

 49, 73, 35


 26, 50, 14


 11, 29, 0


 0, 0, 0

 150, 176, 130


 139, 176, 112

 150, 176, 130

 161, 176, 148

 131, 176, 95


 169, 176, 165

 120, 176, 77


 176, 178, 183


 110, 176, 60


 176, 181, 200

 101, 176, 42


 176, 186, 218

 90, 176, 24

 176, 190, 236

 80, 176, 7

 176, 194, 253

 76, 176, 0

 176, 197, 255

 176, 200, 255

Harmonies

Analogous

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



190, 172, 135



150, 176, 130



134, 167, 143

Triad

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



150, 176, 130



118, 147, 179



185, 154, 180

Complementary

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



150, 176, 130



130, 141, 176

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.



166, 159, 192



150, 176, 130



126, 152, 192

Square

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



150, 176, 130



124, 151, 173



144, 159, 196



196, 152, 164

Rectangle

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



150, 176, 130



141, 170, 166



144, 159, 196



180, 155, 185

Sweetspot

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



150, 176, 130



220, 230, 211



176, 130, 145



109, 115, 103



242, 242, 242



115, 115, 115

Same Dimension

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



150, 176, 130



190, 230, 158



130, 176, 138



83, 89, 80



66, 153, 0



12, 26, 0

Inverse Universe

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



130, 141, 176



158, 175, 230



138, 130, 176



80, 82, 89



0, 35, 153



0, 6, 26

Previews

White Background



This preview shows how the RYB color 150, 176, 130 looks on a white background.

Color Contrast Check

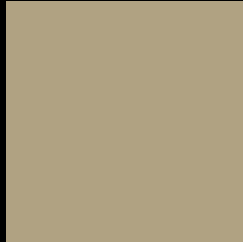
Large Text (above 18pt) WCAG AA × Fail

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 150, 176, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

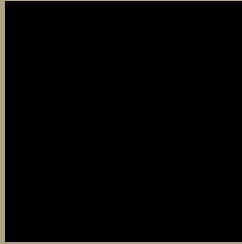
Any Text WCAG AA ✓ Pass

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](#).

RYP 150, 176, 130 Background



This preview shows how black text looks on a background with the RYP color 150, 176, 130.



This preview shows how white text looks on a background with the RYP color 150, 176, 130.

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
150, 176, 130

Protanopia
143, 173, 130

Deuteranopia
190, 177, 131



Tritanopia
181, 157, 169

Trichromacy



Original Color

150, 176, 130

Protanomaly

145, 174, 130

Deuteranomaly

181, 185, 131

Tritanomaly

179, 160, 155

Monochromacy



Original Color

150, 176, 130

Achromatopsia

163, 163, 163

Achromatomaly

158, 168, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 176, 130 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(176, 162, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 130)  
}
```

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(176, 162, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 130) }
```

Border

The CSS property to change the border of an element to RYB 150, 176, 130 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(176, 162, 130) }
```

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

```
.border{ border-color:rgb(176, 162, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 162, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 150, 176, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 130) }
```

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

```
.background{ background-color: rgb(176,  
162, 130) }
```

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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