

Converting Colors

`RYB(132, 176, 117)`

Have a look what the booklet for
RYB(132, 176, 117) contains.

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Color

R_YB(132, 176, 117)

Conversions

Conversions Part 1

Format	Color
Hex	B0A475
RGB	176, 164, 117
RGB Percent	69%, 64%, 46%
CMY	0.3098, 0.3567, 0.5412
CMYK	0.00, 0.07, 0.34, 0.31
HSL	48°, 27%, 57%
HSV	48°, 34%, 69%
XYZ	34.3981, 37.0799, 22.1738
YIQ	162.2300, 22.2390, -12.0730

Conversions

Conversions Part 2

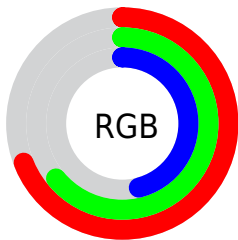
Format	Color
RYB	132, 176, 117
Decimal	11576437
CIELab	67.34, -2.89, 26.02
CIELCh	67, 26.177, 96.349
Yxy	37.0799, 0.3673, 0.3959
Android (android.graphics.Color)	4289766517 (0xFFB0A475)
YUV	162.2300, -22.2984, 12.0763
Hunter-Lab	60.8933, -5.7300, 21.0353

Details

The RYB color **132, 176, 117** is a light color, and the websafe version is hex **999966**. A complement of this color would be **117, 127, 176**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **185, 232, 169**, and **80, 122, 68** is the 20% darker color. If you saturate the color by 10%, you get **119, 176, 99**, and if you desaturate by 10%, it is **145, 176, 135**.

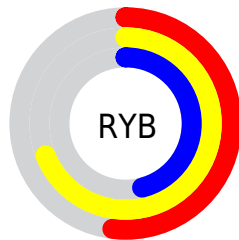
Distribution



Red (69%)

Green (64%)

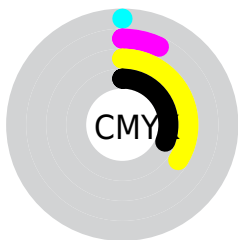
Blue (46%)



Red (52%)

Yellow (69%)

Blue (46%)

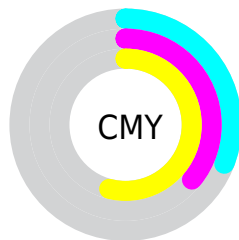


Cyan (0%)

Magenta (7%)

Yellow (34%)

Black (31%)



Cyan (31%)


Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 176, 117 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 132, 176, 117 by changing the saturation by 10% instead.

 132, 176, 117

255, 255, 255

 185, 232, 169


 206, 255, 197

 225, 255, 225


254, 255, 254

 132, 176, 117


 119, 176, 99

 132, 176, 117

 106, 149, 92

 80, 122, 68


 56, 97, 45


 31, 72, 23

 7, 49, 0

 3, 26, 0

 0, 0, 0

 132, 176, 117

 145, 176, 135

■ 106, 176, 82

■ 158, 176, 152

■ 93, 176, 64

■ 171, 176, 170

■ 80, 176, 47

■ 176, 178, 187

■ 67, 176, 29

■ 176, 181, 205

■ 52, 176, 11

■ 176, 184, 223

■ 45, 176, 0

■ 176, 187, 240

■ 176, 190, 255

■ 176, 192, 255

Harmonies

Analogous

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



197, 186, 121



132, 176, 117



125, 171, 146

Triad

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



132, 176, 117



93, 138, 191



198, 149, 183

Complementary

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



132, 176, 117



117, 127, 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.



174, 156, 202



132, 176, 117



110, 147, 206

Square

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



132, 176, 117



100, 141, 177



141, 158, 210



211, 147, 160

Rectangle

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



132, 176, 117



132, 170, 174



141, 158, 210



192, 151, 190

Sweetspot

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



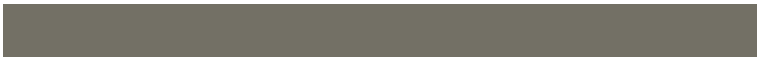
132, 176, 117



213, 230, 207



176, 117, 130



105, 115, 101



242, 242, 242



115, 115, 115

Same Dimension

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



132, 176, 117



162, 230, 138



117, 176, 134



83, 89, 80



39, 153, 0



8, 26, 0

Inverse Universe

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



117, 127, 176



138, 153, 230



134, 117, 176



80, 82, 89



0, 26, 153



0, 4, 26

Previews

White Background



This preview shows how the RYB color 132, 176, 117 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 132, 176, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

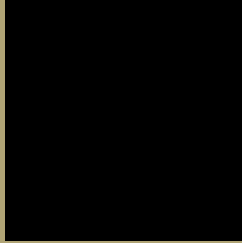
Any Text WCAG AA ✓ Pass

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 132, 176, 117 Background



This preview shows how black text looks on a background with the RYB color 132, 176, 117.



This preview shows how white text looks on a background with the RYB color 132, 176, 117.

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
[132, 176, 117](#)

Protanopia
[134, 177, 117](#)

Deuteranopia
[190, 194, 118](#)



Tritanopia
182, 157, 170

Trichromacy



Original Color
132, 176, 117

Protanomaly
134, 177, 117

Deuteranomaly
162, 187, 118

Tritanomaly
180, 164, 151

Monochromacy



Original Color
132, 176, 117

Achromatopsia
162, 162, 162

Achromatomaly
151, 167, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 176, 117 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, 164, 117) looks like.

```
.text, #text, p{  
    color:rgb(176, 164, 117)  
}
```

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, 164, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 164, 117) }
```

Border

The CSS property to change the border of an element to RYB 132, 176, 117 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, 164, 117) }
```

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

```
.border{ border-color:rgb(176, 164, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 164, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 164, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 164, 117);  
box-shadow:4px 4px 4px 4px rgb(176, 164,  
117) }
```

Background

The CSS property to change the background color of an element to RYB 132, 176, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 164, 117) }
```

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

```
.background{ background-color: rgb(176,  
164, 117) }
```

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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