

Converting Colors

`RYB(160, 169, 96)`

Have a look what the booklet for
RYB(160, 169, 96) contains.

RYB(160, 169, 96)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(160, 169, 96)

Conversions

Conversions Part 1

Format	Color
Hex	A98760
RGB	169, 135, 96
RGB Percent	66%, 53%, 38%
CMY	0.3373, 0.4710, 0.6235
CMYK	0.00, 0.20, 0.43, 0.34
HSL	32°, 30%, 52%
HSV	32°, 43%, 66%
XYZ	27.1232, 26.5790, 14.7670
YIQ	140.7200, 32.7830, -4.9210

Conversions

Conversions Part 2

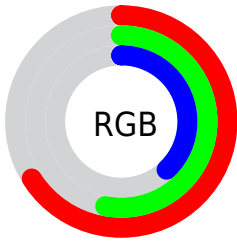
Format	Color
RYB	160, 169, 96
Decimal	11110240
CIELab	58.58, 7.71, 25.83
CIELCh	59, 26.959, 73.390
Yxy	26.5790, 0.3961, 0.3882
Android (android.graphics.Color)	4289300320 (0xFFFA98760)
YUV	140.7200, -22.0470, 24.8016
Hunter-Lab	51.5548, 3.6888, 19.1057

Details

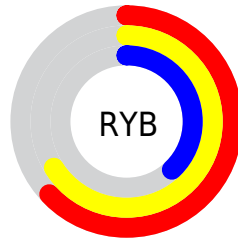
The RYB color **160, 169, 96** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **96, 119, 169**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **220, 226, 147**, and **104, 115, 49** is the 20% darker color. If you saturate the color by 10%, you get **158, 169, 79**, and if you desaturate by 10%, it is **162, 169, 113**.

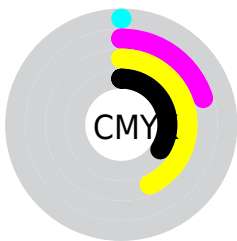
Distribution



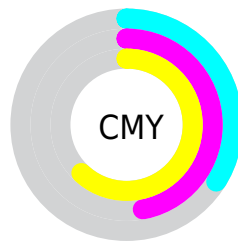
- Red (66%)
- Green (53%)
- Blue (38%)



- Red (63%)
- Yellow (66%)
- Blue (38%)



- Cyan (0%)
- Magenta (20%)
- Yellow (43%)
- Black (34%)



- Cyan (34%)
- Magenta (47%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the RYB color 160, 169, 96 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 160, 169, 96 by changing the saturation by 10% instead.

 160, 169, 96  160, 169, 96

255, 255, 255  131, 142, 72

 220, 226, 147  104, 115, 49

 249, 255, 174  75, 89, 27

 215, 255, 201  43, 64, 3


 229, 255, 229  40, 40, 0

 4, 0, 0

 0, 0, 0

 160, 169, 96  160, 169, 96


 158, 169, 79  162, 169, 113

 156, 169, 62


 163, 169, 130

 154, 169, 45

 165, 169, 147

 152, 169, 28

 169, 167, 164

 152, 169, 12

 169, 172, 180

 148, 169, 0

 169, 178, 197

 169, 183, 214

 169, 189, 231

 169, 194, 248

Harmonies

Analogous

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



184, 132, 110



160, 169, 96



99, 147, 95

Triad

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



160, 169, 96



69, 112, 154



157, 131, 175

Complementary

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



160, 169, 96



96, 119, 169

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.



126, 137, 187



160, 169, 96



65, 113, 173

Square

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



160, 169, 96



93, 131, 153



90, 126, 186



179, 125, 155

Rectangle

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



160, 169, 96



101, 147, 119



90, 126, 186



148, 134, 180

Sweetspot

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



160, 169, 96



215, 219, 191



169, 96, 131



110, 110, 92



237, 237, 237



110, 110, 110

Same Dimension

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



160, 169, 96



204, 219, 105



96, 169, 97



84, 84, 76



129, 148, 0



16, 20, 0

Inverse Universe

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



96, 119, 169



105, 142, 219



97, 96, 169



76, 79, 84



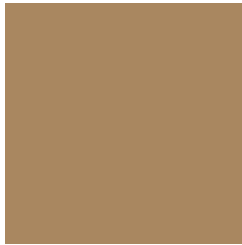
0, 47, 148



0, 7, 20

Previews

White Background



This preview shows how the RYB color 160, 169, 96 looks on a white background.

Color Contrast Check

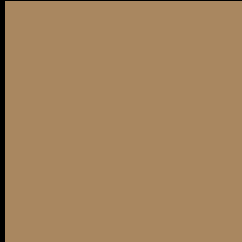
Large Text (above 18pt) WCAG AA ✓ Pass

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 160, 169, 96 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

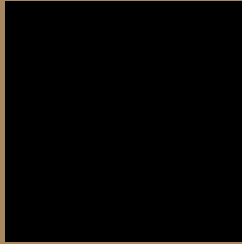
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

R Y B 160, 169, 96 Background



This preview shows how black text looks on a background with the RYB color 160, 169, 96.



This preview shows how white text looks on a background with the RYB color 160, 169, 96.

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

160, 169, 96

Protanopia

113, 152, 99

Deuteranopia

160, 169, 96



Tritanopia

173, 129, 139

Trichromacy



Original Color

160, 169, 96

Protanomaly

126, 158, 98

Deuteranomaly

160, 169, 96

Tritanomaly

172, 133, 123

Monochromacy



Original Color

160, 169, 96

Achromatopsia

141, 141, 141

Achromatomaly

147, 151, 125

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 169, 96 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(169, 135, 96)` looks like.

```
.text, #text, p{  
    color:rgb(169, 135, 96)  
}
```

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(169, 135, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 135, 96) }
```

Border

The CSS property to change the border of an element to RYB 160, 169, 96 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(169, 135, 96) }
```

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

```
.border{ border-color:rgb(169, 135, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 135, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 135, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 135, 96);  
box-shadow:4px 4px 4px 4px rgb(169, 135,  
96) }
```

Background

The CSS property to change the background color of an element to RGB 169, 135, 96 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 135, 96) }
```

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

```
.background{ background-color: rgb(169,  
135, 96) }
```

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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