

Converting Colors

`RYB(153, 164, 106)`

Have a look what the booklet for
RYB(153, 164, 106) contains.

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Color

R_YB(153, 164, 106)

Conversions

Conversions Part 1

Format	Color
Hex	A48A6A
RGB	164, 138, 106
RGB Percent	64%, 54%, 42%
CMY	0.3569, 0.4587, 0.5843
CMYK	0.00, 0.16, 0.35, 0.36
HSL	33°, 24%, 53%
HSV	33°, 35%, 64%
XYZ	27.0053, 27.1210, 17.4472
YIQ	142.1260, 25.7680, -4.4400

Conversions

Conversions Part 2

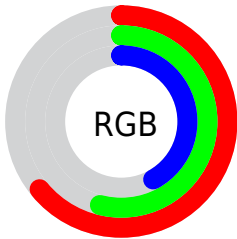
Format	Color
R_{YB}	153, 164, 106
Decimal	10783338
CIE _{Lab}	59.09, 5.06, 20.83
CIE _{LCh}	59, 21.434, 76.350
Yxy	27.1210, 0.3773, 0.3789
Android (android.graphics.Color)	4288973418 (0xFFA48A6A)
YUV	142.1260, -17.8101, 19.1835
Hunter-Lab	52.0778, 1.4261, 16.5910

Details

The RYB color **153, 164, 106** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **106, 124, 164**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **212, 220, 158**, and **99, 111, 58** is the 20% darker color. If you saturate the color by 10%, you get **150, 164, 90**, and if you desaturate by 10%, it is **157, 164, 122**.

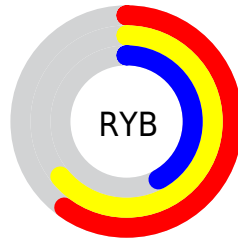
Distribution



Red (64%)

Green (54%)

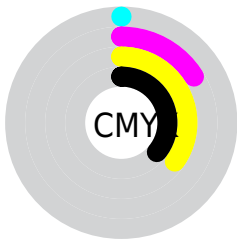
Blue (42%)



Red (60%)

Yellow (64%)

Blue (42%)

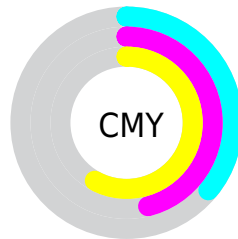


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (36%)



Cyan (36%)


Magenta (46%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 164, 106 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 153, 164, 106 by changing the saturation by 10% instead.

 153, 164, 106

255, 255, 255


 212, 220, 158

 240, 249, 184

 220, 255, 212

 241, 255, 241

 153, 164, 106

 150, 164, 90

 153, 164, 106

 125, 137, 82

 99, 111, 58

 72, 86, 36


 45, 61, 15

 30, 39, 0

 3, 0, 0

 0, 0, 0


 153, 164, 106

 157, 164, 122

 148, 164, 73

 159, 164, 139

 144, 164, 57

 162, 164, 155


 139, 164, 40

 164, 166, 172

 139, 164, 24

 164, 172, 188


 135, 164, 8

 164, 176, 204

 132, 164, 0

 164, 181, 221

 164, 187, 237

 164, 192, 254

Harmonies

Analogous

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



177, 138, 116



153, 164, 106



107, 145, 106

Triad

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



153, 164, 106



89, 121, 153



158, 134, 168

Complementary

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



153, 164, 106



106, 124, 164

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.



134, 139, 178



153, 164, 106



90, 124, 169

Square

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



153, 164, 106



103, 133, 152



108, 133, 178



174, 129, 152

Rectangle

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



153, 164, 106



112, 148, 129



108, 133, 178



150, 136, 172

Sweetspot

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



153, 164, 106



209, 214, 191



164, 106, 132



104, 107, 93



235, 235, 235



107, 107, 107

Same Dimension

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



153, 164, 106



196, 214, 124



106, 164, 109



80, 82, 73



118, 145, 0



14, 18, 0

Inverse Universe

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



106, 124, 164



124, 152, 214



109, 106, 164



73, 76, 82



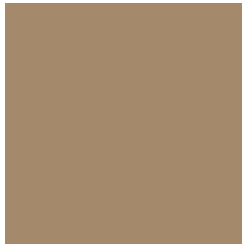
0, 45, 145



0, 6, 18

Previews

White Background



This preview shows how the RYB color 153, 164, 106 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 153, 164, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

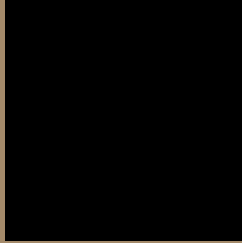
Any Text WCAG AA ✓ Pass

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](#).

RYB 153, 164, 106 Background



This preview shows how black text looks on a background with the RYB color 153, 164, 106.



This preview shows how white text looks on a background with the RYB color 153, 164, 106.

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
153, 164, 106

Protanopia
121, 152, 108

Deuteranopia
168, 164, 106



Tritanopia
168, 133, 143

Trichromacy



Original Color

153, 164, 106

Protanomaly

129, 156, 107

Deuteranomaly

165, 167, 106

Tritanomaly

167, 136, 130

Monochromacy



Original Color

153, 164, 106

Achromatopsia

142, 142, 142

Achromatomaly

145, 150, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 164, 106 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, 138, 106)` looks like.

```
.text, #text, p{  
    color:rgb(164, 138, 106)  
}
```

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, 138, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 138, 106) }
```

Border

The CSS property to change the border of an element to RYB 153, 164, 106 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, 138, 106) }
```

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

```
.border{ border-color:rgb(164, 138, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 138, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 138, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 138, 106);  
box-shadow:4px 4px 4px 4px rgb(164, 138,  
106) }
```

Background

The CSS property to change the background color of an element to RYB 153, 164, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 138, 106) }
```

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

```
.background{ background-color: rgb(164,  
138, 106) }
```

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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