

Converting Colors

`RYB(153, 164, 100)`

Have a look what the booklet for
RYB(153, 164, 100) contains.

RYB(153, 164, 100)	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(153, 164, 100)

Conversions

Conversions Part 1

Format	Color
Hex	A48764
RGB	164, 135, 100
RGB Percent	64%, 53%, 39%
CMY	0.3569, 0.4706, 0.6078
CMYK	0.00, 0.18, 0.39, 0.36
HSL	33°, 26%, 52%
HSV	33°, 39%, 64%
XYZ	26.2753, 26.1429, 15.7178
YIQ	139.6810, 28.5190, -4.7370

Conversions

Conversions Part 2

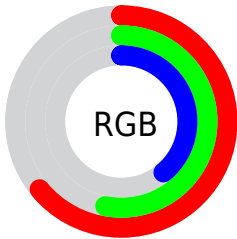
Format	Color
RYB	153, 164, 100
Decimal	10782564
CIELab	58.17, 6.01, 22.97
CIELCh	58, 23.740, 75.342
Yxy	26.1429, 0.3856, 0.3837
Android (android.graphics.Color)	4288972644 (0xFFA48764)
YUV	139.6810, -19.5627, 21.3278
Hunter-Lab	51.1302, 2.2515, 17.5649

Details

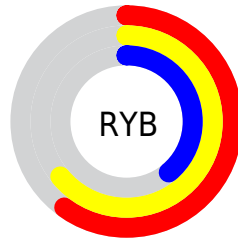
The RYB color **153, 164, 100** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **100, 120, 164**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **211, 220, 151**, and **100, 111, 53** is the 20% darker color. If you saturate the color by 10%, you get **149, 164, 84**, and if you desaturate by 10%, it is **157, 164, 116**.

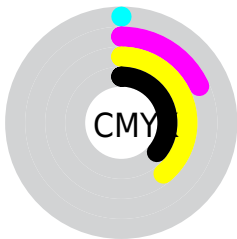
Distribution



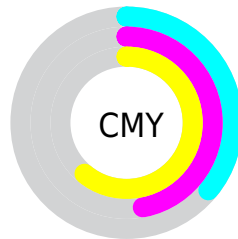
- Red (64%)
- Green (53%)
- Blue (39%)



- Red (60%)
- Yellow (64%)
- Blue (39%)



- Cyan (0%)
- Magenta (18%)
- Yellow (39%)
- Black (36%)



- Cyan (36%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 164, 100 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, 100 by changing the saturation by 10% instead.

 153, 164, 100

255, 255, 255

 211, 220, 151

 240, 249, 178


 220, 255, 206

 234, 255, 234

 153, 164, 100

 124, 137, 76

 100, 111, 53

 71, 85, 31

 43, 61, 8

 34, 38, 0

 0, 0, 0

 153, 164, 100

 149, 164, 84

 148, 164, 67

 153, 164, 100

 157, 164, 116

 159, 164, 133

■ 144, 164, 51

■ 162, 164, 149

■ 142, 164, 34

■ 164, 165, 166

■ 138, 164, 18

■ 164, 170, 182

■ 138, 164, 2

■ 164, 175, 198

■ 135, 164, 0

■ 164, 180, 215

■ 164, 185, 231

■ 164, 190, 248

Harmonies

Analogous

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



178, 134, 111



153, 164, 100



102, 144, 100

Triad

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



153, 164, 100



79, 115, 151



156, 131, 169

Complementary

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



153, 164, 100



100, 120, 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.



129, 137, 180



153, 164, 100



79, 118, 169

Square

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



153, 164, 100



97, 131, 151



99, 128, 179



175, 126, 151

Rectangle

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



153, 164, 100



105, 146, 123



99, 128, 179



148, 133, 174

Sweetspot

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



153, 164, 100



207, 214, 188



164, 100, 130



105, 107, 92



235, 235, 235



107, 107, 107

Same Dimension

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



153, 164, 100



196, 214, 114



100, 164, 102



80, 82, 73



118, 145, 0



14, 18, 0

Inverse Universe

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



100, 120, 164



114, 145, 214



102, 100, 164



73, 76, 82



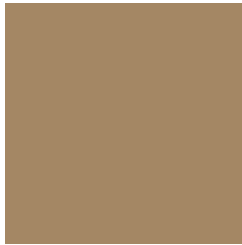
0, 45, 145



0, 6, 18

Previews

White Background



This preview shows how the RYB color 153, 164, 100 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, 100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

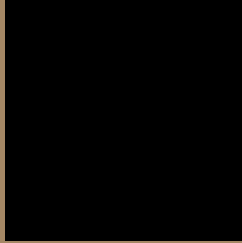
Any Text WCAG AA ✓ Pass

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, 100 Background



This preview shows how black text looks on a background with the RYB color 153, 164, 100.



This preview shows how white text looks on a background with the RYB color 153, 164, 100.

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, 100

Protanopia
115, 150, 102

Deuteranopia
162, 166, 100



Tritanopia
168, 130, 140

Trichromacy



Original Color

153, 164, 100

Protanomaly

126, 155, 101

Deuteranomaly

159, 165, 100

Tritanomaly

167, 133, 125

Monochromacy



Original Color

153, 164, 100

Achromatopsia

140, 140, 140

Achromatomaly

145, 149, 125

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 164, 100 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, 135, 100)` looks like.

```
.text, #text, p{  
    color:rgb(164, 135, 100)  
}
```

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, 135, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 135, 100) }
```

Border

The CSS property to change the border of an element to RYB 153, 164, 100 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, 135, 100) }
```

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

```
.border{ border-color:rgb(164, 135, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 135, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 135, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 135, 100);  
box-shadow:4px 4px 4px 4px rgb(164, 135,  
100) }
```

Background

The CSS property to change the background color of an element to RYB 153, 164, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 135, 100) }
```

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

```
.background{ background-color: rgb(164,  
135, 100) }
```

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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