

Converting Colors

`RYB(164, 151, 130)`

Have a look what the booklet for
RYB(164, 151, 130) contains.

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Color

R_YB(164, 151, 130)

Conversions

Conversions Part 1

Format	Color
Hex	A48F82
RGB	164, 143, 130
RGB Percent	64%, 56%, 51%
CMY	0.3569, 0.4393, 0.4902
CMYK	0.00, 0.13, 0.21, 0.36
HSL	23°, 16%, 58%
HSV	23°, 21%, 64%
XYZ	29.1588, 29.1437, 25.2075
YIQ	147.7970, 16.6890, 0.4090

Conversions

Conversions Part 2

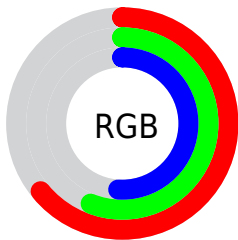
Format	Color
R_{YB}	164, 151, 130
Decimal	10784642
CIE _{Lab}	60.91, 5.72, 9.79
CIE _{LCh}	61, 11.342, 59.716
Yxy	29.1437, 0.3492, 0.3490
Android (android.graphics.Color)	4288974722 (0xFFA48F82)
YUV	147.7970, -8.7739, 14.2100
Hunter-Lab	53.9849, 1.9396, 10.1047

Details

The RYB color **164, 151, 130** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **130, 143, 164**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **219, 206, 183**, and **112, 101, 81** is the 20% darker color. If you saturate the color by 10%, you get **164, 145, 114**, and if you desaturate by 10%, it is **164, 157, 146**.

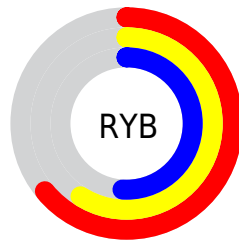
Distribution



Red (64%)

Green (56%)

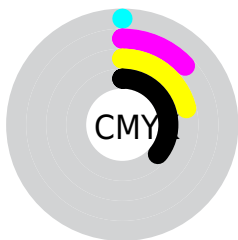
Blue (51%)



Red (64%)

Yellow (59%)

Blue (51%)

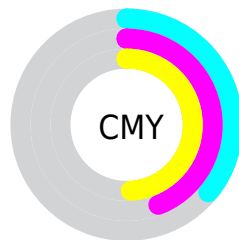


Cyan (0%)

Magenta (13%)

Yellow (21%)

Black (36%)



Cyan (36%)

Magenta (44%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 151, 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 164, 151, 130 by changing the saturation by 10% instead.

 164, 151, 130


255, 255, 255

 219, 206, 183

 248, 234, 211


 241, 255, 239


 164, 151, 130

 137, 124, 105

 112, 101, 81

 87, 76, 58

 63, 55, 36

 41, 34, 15

 18, 0, 0

 0, 0, 0

 164, 151, 130

 164, 145, 114


 164, 151, 130


 164, 157, 146

 164, 139, 97

 164, 163, 163

 164, 133, 81


 164, 170, 179

 164, 125, 64

 164, 176, 196

 164, 119, 48

 164, 182, 212

 164, 112, 32

 164, 189, 228

 164, 107, 15

 164, 195, 245

 164, 102, 0

 164, 200, 255

 164, 204, 255

Harmonies

Analogous

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



168, 142, 137



164, 151, 130



140, 155, 127

Triad

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



164, 151, 130



124, 140, 153



149, 144, 164

Complementary

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



164, 151, 130



130, 143, 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.



136, 145, 167



164, 151, 130



121, 138, 156

Square

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



164, 151, 130



133, 149, 152



126, 141, 164



160, 142, 157

Rectangle

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



164, 151, 130



128, 148, 128



126, 141, 164



145, 146, 166

Sweetspot

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



164, 151, 130



214, 209, 201



164, 130, 152



107, 103, 100



235, 235, 235



107, 107, 107

Same Dimension

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



164, 151, 130



214, 193, 161



136, 164, 130



82, 80, 73



145, 89, 0



18, 11, 0

Inverse Universe

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



130, 143, 164



161, 181, 214



130, 134, 164



73, 76, 82



0, 56, 145



0, 7, 18

Previews

White Background



This preview shows how the RYB color 164, 151, 130 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 164, 151, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

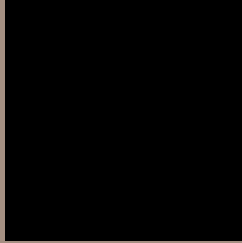
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 164, 151, 130 Background



This preview shows how black text looks on a background with the RGB color 164, 151, 130.



This preview shows how white text looks on a background with the RGB color 164, 151, 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
164, 151, 130

Protanopia
140, 153, 132

Deuteranopia
167, 148, 130



Tritanopia
167, 140, 151

Trichromacy



Original Color

164, 151, 130

Protanomaly

150, 157, 131

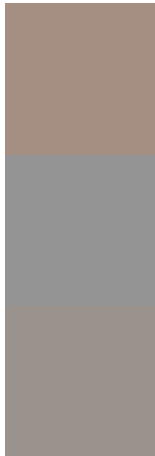
Deuteranomaly

166, 148, 130

Tritanomaly

166, 141, 143

Monochromacy



Original Color

164, 151, 130

Achromatopsia

148, 148, 148

Achromatomaly

154, 149, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 151, 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(164, 143, 130)` looks like.

```
.text, #text, p{  
    color:rgb(164, 143, 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(164, 143, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 143, 130) }
```

Border

The CSS property to change the border of an element to RYB 164, 151, 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(164, 143, 130) }
```

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

```
.border{ border-color:rgb(164, 143, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 143, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 143, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 143, 130);  
box-shadow:4px 4px 4px 4px rgb(164, 143,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 164, 151, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 143, 130) }
```

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

```
.background{ background-color: rgb(164,  
143, 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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