

Converting Colors

`RYB(161, 163, 132)`

Have a look what the booklet for
RYB(161, 163, 132) contains.

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Color

R_YB(161, 163, 132)

Conversions

Conversions Part 1

Format	Color
Hex	A39484
RGB	163, 148, 132
RGB Percent	64%, 58%, 52%
CMY	0.3608, 0.4195, 0.4824
CMYK	0.00, 0.09, 0.19, 0.36
HSL	31°, 14%, 58%
HSV	31°, 19%, 64%
XYZ	29.8616, 30.6375, 26.1695
YIQ	150.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

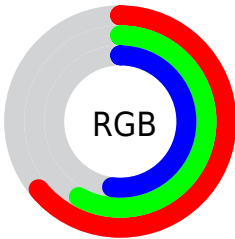
Format	Color
RYB	161, 163, 132
Decimal	10720388
CIELab	62.20, 2.84, 10.48
CIElCh	62, 10.857, 74.850
Yxy	30.6375, 0.3445, 0.3535
Android (android.graphics.Color)	4288910468 (0xFFA39484)
YUV	150.6610, -9.1999, 10.8213
Hunter-Lab	55.3512, -0.5648, 10.7140

Details

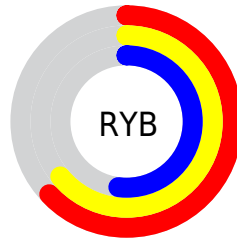
The RYB color **161, 163, 132** is a light color, and the websafe version is hex **999999**. A complement of this color would be **132, 142, 163**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **216, 218, 185**, and **111, 111, 83** is the 20% darker color. If you saturate the color by 10%, you get **161, 163, 116**, and if you desaturate by 10%, it is **161, 163, 148**.

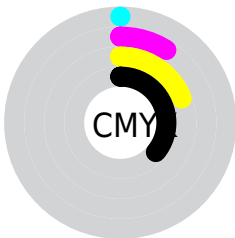
Distribution



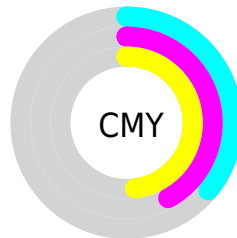
- Red (64%)
- Green (58%)
- Blue (52%)



- Red (63%)
- Yellow (64%)
- Blue (52%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (36%)




- Cyan (36%)
- Magenta (42%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 163, 132 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 161, 163, 132 by changing the saturation by 10% instead.


 161, 163, 132


255, 255, 255


 216, 218, 185


 247, 247, 213


 241, 255, 241

 161, 163, 132

 137, 137, 107

 111, 111, 83


 81, 86, 59


 61, 63, 38


 35, 40, 17


 18, 7, 0

 0, 0, 0

 161, 163, 132

 161, 163, 116


 161, 163, 132


 161, 163, 148

 159, 163, 99


 163, 164, 165

 159, 163, 83


 163, 169, 181

 155, 163, 67


 163, 174, 197

 155, 163, 51

 163, 179, 214

 153, 163, 34

 163, 185, 230

 153, 163, 18

 163, 190, 246

 153, 163, 2

 163, 195, 255

 153, 163, 0

 163, 198, 255

Harmonies

Analogous

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



169, 148, 137



161, 163, 132



134, 153, 132

Triad

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



161, 163, 132



127, 142, 156



158, 146, 164

Complementary

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



161, 163, 132



132, 142, 163

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.



146, 149, 169



161, 163, 132



127, 143, 164

Square

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



161, 163, 132



132, 148, 156



135, 147, 169



167, 144, 156

Rectangle

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



161, 163, 132



134, 153, 141



135, 147, 169



154, 147, 166

Sweetspot

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



161, 163, 132



210, 212, 199



163, 132, 147



107, 105, 100



235, 235, 235



107, 107, 107

Same Dimension

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



161, 163, 132



210, 212, 163



132, 163, 133



80, 82, 73



135, 145, 0



18, 18, 0

Inverse Universe

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



132, 142, 163



163, 179, 212



133, 132, 163



73, 76, 82



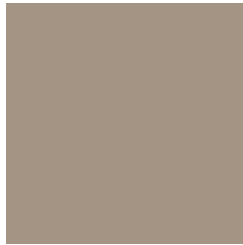
0, 47, 145



0, 6, 18

Previews

White Background



This preview shows how the RYB color 161, 163, 132 looks on a white background.

Color Contrast Check

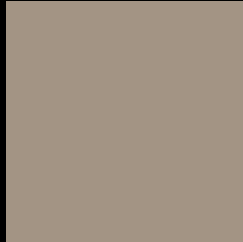
Large Text (above 18pt) WCAG AA × Fail

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 161, 163, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

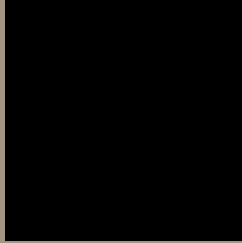
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

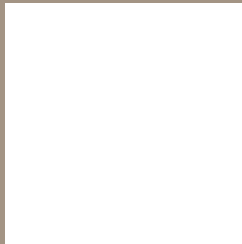
Any Text WCAG AAA ✓ Pass

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

RYB 161, 163, 132 Background



This preview shows how black text looks on a background with the RYB color 161, 163, 132.



This preview shows how white text looks on a background with the RYB color 161, 163, 132.

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


161, 163, 132

Protanopia

143, 157, 133

Deuteranopia

171, 151, 133



Tritanopia
166, 145, 156

Trichromacy



Original Color

161, 163, 132

Protanomaly

149, 159, 133

Deuteranomaly

168, 154, 133

Tritanomaly

165, 146, 147

Monochromacy



Original Color

161, 163, 132

Achromatopsia

151, 151, 151

Achromatomaly

153, 155, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 163, 132 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(163, 148, 132) looks like.

```
.text, #text, p{  
    color:rgb(163, 148, 132)  
}
```

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(163, 148, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 148, 132) }
```

Border

The CSS property to change the border of an element to RYB 161, 163, 132 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(163, 148, 132) }
```

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

```
.border{ border-color:rgb(163, 148, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 148, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 148, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 148, 132); box-shadow:4px 4px 4px 4px rgb(163, 148, 132) }
```

Background

The CSS property to change the background color of an element to RYB 161, 163, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 148, 132) }
```

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

```
.background{ background-color: rgb(163,  
148, 132) }
```

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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