

Converting Colors

`RYB(162, 131, 105)`

Have a look what the booklet for
RYB(162, 131, 105) contains.

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Color

R_YB(162, 131, 105)

Conversions

Conversions Part 1

Format	Color
Hex	A27B69
RGB	162, 123, 105
RGB Percent	64%, 48%, 41%
CMY	0.3647, 0.5182, 0.5882
CMYK	0.00, 0.24, 0.35, 0.36
HSL	19°, 23%, 52%
HSV	19°, 35%, 64%
XYZ	24.5151, 22.8314, 16.4794
YIQ	132.6090, 29.0220, 2.6700

Conversions

Conversions Part 2

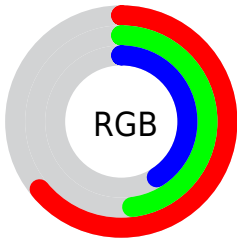
Format	Color
R_{YB}	162, 131, 105
Decimal	10648425
CIE _{Lab}	54.90, 12.68, 15.65
CIE _{LCh}	55, 20.145, 50.996
Yxy	22.8314, 0.3841, 0.3577
Android (android.graphics.Color)	4288838505 (0xFFA27B69)
YUV	132.6090, -13.6112, 25.7759
Hunter-Lab	47.7822, 7.9624, 12.9992

Details

The RYB color **162, 131, 105** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105, 128, 162**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **218, 186, 156**, and **109, 81, 58** is the 20% darker color. If you saturate the color by 10%, you get **162, 123, 89**, and if you desaturate by 10%, it is **162, 140, 121**.

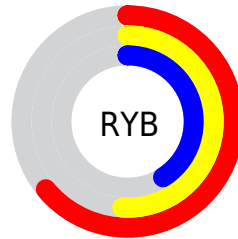
Distribution



Red (64%)

Green (48%)

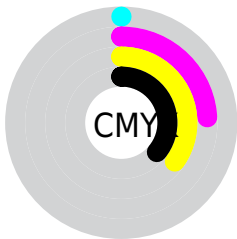
Blue (41%)



Red (64%)

Yellow (51%)

Blue (41%)

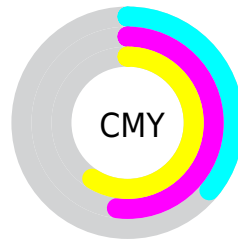


Cyan (0%)

Magenta (24%)

Yellow (35%)

Black (36%)



Cyan (36%)


Magenta (52%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 131, 105 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 162, 131, 105 by changing the saturation by 10% instead.

 162, 131, 105


255, 255, 255

 218, 183, 156

 247, 212, 183

 255, 248, 211

 239, 255, 239

 162, 131, 105

 135, 106, 81


 109, 81, 58

 84, 58, 36

 59, 38, 15

 37, 9, 0


 0, 0, 0


 162, 131, 105

 162, 123, 89

 162, 114, 73

 162, 131, 105

 162, 140, 121

 162, 149, 137

■ 162, 104, 56

■ 162, 157, 154

■ 162, 95, 40

■ 162, 165, 170

■ 162, 86, 24

■ 162, 172, 186

■ 162, 78, 8

■ 162, 178, 202

■ 162, 74, 0

■ 162, 185, 218

■ 162, 192, 235

■ 162, 198, 251

Harmonies

Analogous

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



167, 119, 120



162, 131, 105



132, 149, 97

Triad

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



162, 131, 105



93, 122, 141



127, 129, 164

Complementary

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



162, 131, 105



105, 128, 162

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.



103, 124, 165



162, 131, 105



81, 111, 143

Square

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



162, 131, 105



109, 138, 136



85, 116, 158



149, 123, 153

Rectangle

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



162, 131, 105



104, 138, 97



85, 116, 158



119, 129, 165

Sweetspot

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



162, 131, 105



212, 200, 188



162, 105, 145



107, 101, 93



235, 235, 235



107, 107, 107

Same Dimension

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



162, 131, 105



212, 164, 123



119, 162, 105



82, 78, 73



145, 67, 0



18, 9, 0

Inverse Universe

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



105, 128, 162



123, 159, 212



105, 114, 162



73, 77, 82



0, 59, 145



0, 7, 18

Previews

White Background



This preview shows how the RYB color 162, 131, 105 looks on a white background.

Color Contrast Check

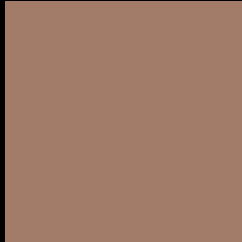
Large Text (above 18pt) WCAG AA ✓ Pass

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 162, 131, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

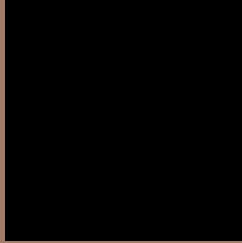
Any Text WCAG AA ✓ Pass

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 162, 131, 105 Background



This preview shows how black text looks on a background with the RYB color 162, 131, 105.



This preview shows how white text looks on a background with the RYB color 162, 131, 105.

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
162, 131, 105

Protanopia
120, 139, 109

Deuteranopia
154, 143, 104



Tritanopia
164, 119, 129

Trichromacy



Original Color

162, 131, 105

Protanomaly

145, 147, 108

Deuteranomaly

157, 139, 104

Tritanomaly

163, 120, 120

Monochromacy



Original Color

162, 131, 105

Achromatopsia

133, 133, 133

Achromatomaly

144, 131, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 131, 105 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(162, 123, 105)` looks like.

```
.text, #text, p{  
    color:rgb(162, 123, 105)  
}
```

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(162, 123, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 123, 105) }
```

Border

The CSS property to change the border of an element to RYB 162, 131, 105 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(162, 123, 105) }
```

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

```
.border{ border-color:rgb(162, 123, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 123, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 123, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 123, 105);  
box-shadow:4px 4px 4px 4px rgb(162, 123,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 162, 131, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 123, 105) }
```

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

```
.background{ background-color: rgb(162,  
123, 105) }
```

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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