

Converting Colors

`RYB(97, 131, 105)`

Have a look what the booklet for
RYB(97, 131, 105) contains.

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Color

`RYB(97, 131, 105)`

Conversions

Conversions Part 1

Format	Color
Hex	7B8361
RGB	123, 131, 97
RGB Percent	48%, 51%, 38%
CMY	0.5176, 0.4863, 0.6196
CMYK	0.06, 0.00, 0.26, 0.49
HSL	74°, 15%, 45%
HSV	74°, 26%, 51%
XYZ	18.4423, 21.3066, 14.4498
YIQ	124.7320, 6.1460, -12.2700

Conversions

Conversions Part 2

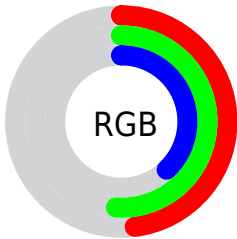
Format	Color
R_{YB}	97, 131, 105
Decimal	8094561
CIE _{Lab}	53.28, -9.17, 17.44
CIE _{LCh}	53, 19.703, 117.738
Yxy	21.3066, 0.3403, 0.3931
Android (android.graphics.Color)	4286284641 (0xFF7B8361)
YUV	124.7320, -13.6719, -1.5190
Hunter-Lab	46.1591, -9.4607, 13.7510

Details

The RYB color **97, 131, 105** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **105, 97, 131**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **148, 184, 156**, and **50, 82, 58** is the 20% darker color. If you saturate the color by 10%, you get **84, 131, 95**, and if you desaturate by 10%, it is **110, 131, 115**.

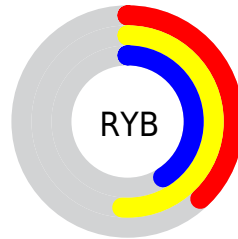
Distribution



Red (48%)

Green (51%)

Blue (38%)



Red (38%)

Yellow (51%)

Blue (41%)

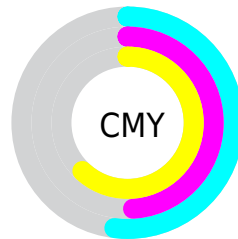


Cyan (6%)

Magenta (0%)

Yellow (26%)

Black (49%)



Cyan (52%)

Magenta (49%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 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 97, 131, 105 by changing the saturation by 10% instead.



97, 131, 105



97, 131, 105

255, 255, 255



73, 106, 81



148, 184, 156



50, 82, 58



174, 212, 183



29, 59, 37



202, 240, 210



5, 37, 12



230, 255, 230



0, 17, 17



0, 0, 0



97, 131, 105



97, 131, 105



84, 131, 95



110, 131, 115



71, 131, 85



123, 131, 125

■ 58, 131, 75

■ 132, 131, 136

■ 45, 131, 65

■ 135, 131, 149

■ 31, 131, 54

■ 138, 131, 163

■ 18, 131, 44

■ 141, 131, 176

■ 5, 131, 35

■ 145, 131, 189

■ 0, 131, 31

■ 148, 131, 202

■ 151, 131, 215

Harmonies

Analogous

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



116, 141, 94



97, 131, 105



104, 131, 135

Triad

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



97, 131, 105



85, 114, 155



160, 115, 129

Complementary

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



97, 131, 105



105, 97, 131

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.



148, 118, 146



97, 131, 105



105, 122, 161

Square

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



97, 131, 105



78, 108, 142



128, 123, 157



162, 116, 112

Rectangle

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



97, 131, 105



92, 119, 136



128, 123, 157



157, 116, 135

Sweetspot

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



97, 131, 105



157, 171, 160



131, 107, 97



78, 87, 80



214, 214, 214



87, 87, 87

Same Dimension

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



97, 131, 105



118, 171, 131



97, 131, 122



60, 66, 61



0, 130, 31



0, 3, 1

Inverse Universe

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



105, 97, 131



130, 118, 171



122, 97, 131



61, 60, 66



31, 0, 130



1, 0, 3

Previews

White Background



This preview shows how the RYB color 97, 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 97, 131, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

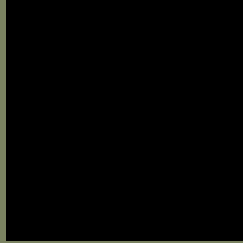
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

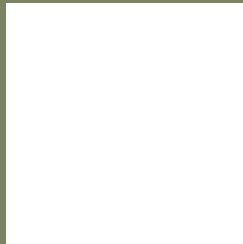
Any Text WCAG AAA × Fail

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

R Y B 97, 131, 105 Background



This preview shows how black text looks on a background with the RYB color 97, 131, 105.



This preview shows how white text looks on a background with the RYB color 97, 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


97, 131, 105

Protanopia

107, 136, 95

Deuteranopia

149, 142, 99



Tritanopia
128, 126, 136

Trichromacy



Original Color

97, 131, 105

Protanomaly

99, 131, 96

Deuteranomaly

121, 140, 98

Tritanomaly

122, 128, 124

Monochromacy



Original Color

97, 131, 105

Achromatopsia

125, 125, 125

Achromatomaly

115, 127, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 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(123, 131, 97)` looks like.

```
.text, #text, p{  
    color:rgb(123, 131, 97)  
}
```

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(123, 131, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 131, 97) }
```

Border

The CSS property to change the border of an element to RYB 97, 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(123, 131, 97) }
```

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

```
.border{ border-color:rgb(123, 131, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 131, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 131, 97); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 131, 97); box-shadow:4px 4px 4px 4px rgb(123, 131, 97) }
```

Background

The CSS property to change the background color of an element to RYB 97, 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(123, 131, 97) }
```

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

```
.background{ background-color: rgb(123,  
131, 97) }
```

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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