

Converting Colors

`RYB(111, 125, 101)`

Have a look what the booklet for
RYB(111, 125, 101) contains.

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Color

R_YB(111, 125, 101)

Conversions

Conversions Part 1

Format	Color
Hex	7D7665
RGB	125, 118, 101
RGB Percent	49%, 46%, 40%
CMY	0.5098, 0.5375, 0.6039
CMYK	0.00, 0.06, 0.19, 0.51
HSL	42°, 11%, 44%
HSV	42°, 19%, 49%
XYZ	17.2779, 18.2426, 14.9224
YIQ	118.1550, 9.6290, -3.8030

Conversions

Conversions Part 2

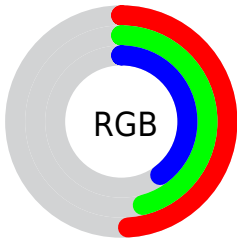
Format	Color
RYB	111, 125, 101
Decimal	8222309
CIELab	49.79, -0.33, 10.31
CIElCh	50, 10.319, 91.852
Yxy	18.2426, 0.3425, 0.3616
Android (android.graphics.Color)	4286412389 (0xFF7D7665)
YUV	118.1550, -8.4574, 6.0031
Hunter-Lab	42.7113, -2.5366, 9.1832

Details

The RYB color **111, 125, 101** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **101, 106, 125**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **164, 178, 152**, and **62, 76, 54** is the 20% darker color. If you saturate the color by 10%, you get **105, 125, 89**, and if you desaturate by 10%, it is **118, 125, 114**.

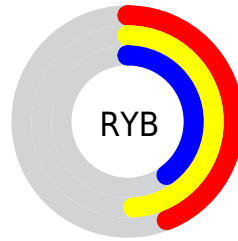
Distribution



Red (49%)

Green (46%)

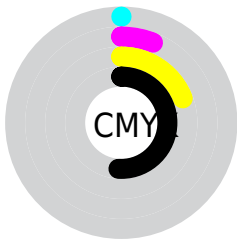
Blue (40%)



Red (44%)

Yellow (49%)

Blue (40%)

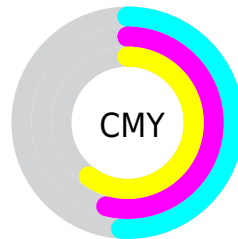


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (51%)



Cyan (51%)

Magenta (54%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 125, 101 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 111, 125, 101 by changing the saturation by 10% instead.

■ 111, 125, 101

255, 255, 255

■ 164, 178, 152

■ 191, 205, 179

■ 219, 234, 206

■ 235, 255, 234

■ 111, 125, 101

■ 87, 100, 77

■ 62, 76, 54

■ 42, 53, 33

■ 16, 32, 10

■ 0, 0, 0

■ 111, 125, 101

■ 105, 125, 89

■ 96, 125, 76

■ 90, 125, 64

■ 111, 125, 101

■ 118, 125, 114

■ 125, 125, 126

■ 125, 128, 139

■ 82, 125, 51

■ 125, 131, 151

■ 73, 125, 38

■ 125, 134, 164

■ 67, 125, 26

■ 125, 137, 176

■ 60, 125, 13

■ 125, 140, 188

■ 52, 125, 1

■ 125, 142, 201

■ 53, 125, 0

■ 125, 145, 213

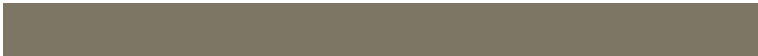
Harmonies

Analogous

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



133, 123, 103



111, 125, 101



103, 121, 109

Triad

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



111, 125, 101



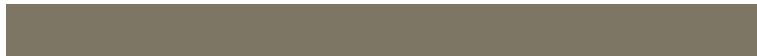
96, 110, 127



130, 114, 127

Complementary

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



111, 125, 101



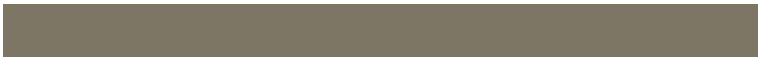
101, 106, 125

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.



121, 116, 133



111, 125, 101



100, 113, 134

Square

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



111, 125, 101



98, 112, 124



110, 117, 136



136, 112, 118

Rectangle

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



111, 125, 101



107, 122, 121



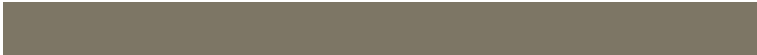
110, 117, 136



128, 114, 129

Sweetspot

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



111, 125, 101



157, 163, 153



125, 101, 108



79, 82, 76



209, 209, 209



82, 82, 82

Same Dimension

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



111, 125, 101



142, 163, 126



101, 125, 106



60, 64, 57



54, 128, 0



0, 0, 0

Inverse Universe

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



101, 106, 125



126, 134, 163



106, 101, 125



57, 59, 64



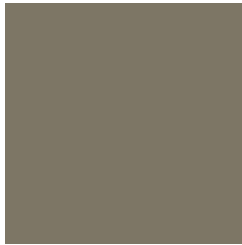
0, 29, 128



0, 0, 0

Previews

White Background



This preview shows how the RYB color 111, 125, 101 looks on a white 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

Black Background



This preview shows how the RYB color 111, 125, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

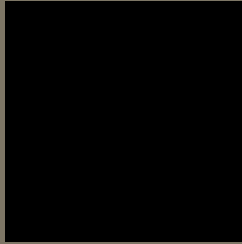
Any Text WCAG AA ✓ Pass

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 111, 125, 101 Background



This preview shows how black text looks on a background with the RYB color 111, 125, 101.



This preview shows how white text looks on a background with the RYB color 111, 125, 101.

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


111, 125, 101

Protanopia

109, 124, 101

Deuteranopia

136, 121, 102



Tritanopia
128, 115, 124

Trichromacy



Original Color

111, 125, 101

Protanomaly

109, 124, 101

Deuteranomaly

132, 125, 102

Tritanomaly

127, 116, 116

Monochromacy



Original Color

111, 125, 101

Achromatopsia

118, 118, 118

Achromatomaly

117, 121, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 125, 101 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(125, 118, 101) looks like.

```
.text, #text, p{  
    color:rgb(125, 118, 101)  
}
```

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(125, 118, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 118, 101) }
```

Border

The CSS property to change the border of an element to RYB 111, 125, 101 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(125, 118, 101) }
```

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

```
.border{ border-color:rgb(125, 118, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 118, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 118, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 118, 101);  
box-shadow:4px 4px 4px 4px rgb(125, 118,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 111, 125, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 118, 101) }
```

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

```
.background{ background-color: rgb(125,  
118, 101) }
```

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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