

Converting Colors

`RYB(111, 146, 105)`

Have a look what the booklet for
RYB(111, 146, 105) contains.

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Color

R_YB(111, 146, 105)

Conversions

Conversions Part 1

Format	Color
Hex	928D69
RGB	146, 141, 105
RGB Percent	57%, 55%, 41%
CMY	0.4275, 0.4480, 0.5882
CMYK	0.00, 0.04, 0.28, 0.43
HSL	52°, 16%, 49%
HSV	52°, 28%, 57%
XYZ	23.8943, 26.1117, 17.1453
YIQ	138.3910, 14.5360, -10.1360

Conversions

Conversions Part 2

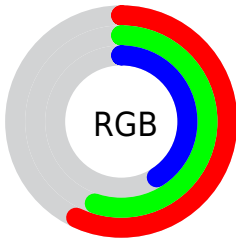
Format	Color
RYB	111, 146, 105
Decimal	9604457
CIELab	58.14, -4.02, 19.83
CIELCh	58, 20.235, 101.450
Yxy	26.1117, 0.3558, 0.3888
Android (android.graphics.Color)	4287794537 (0xFF928D69)
YUV	138.3910, -16.4618, 6.6731
Hunter-Lab	51.0996, -5.9575, 15.8763

Details

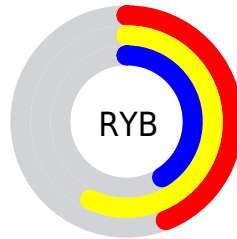
The RYB color **111, 146, 105** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **105, 109, 146**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **162, 200, 156**, and **61, 95, 57** is the 20% darker color. If you saturate the color by 10%, you get **98, 146, 90**, and if you desaturate by 10%, it is **123, 146, 120**.

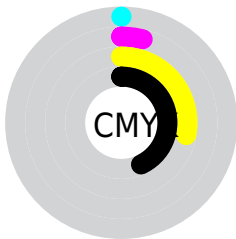
Distribution



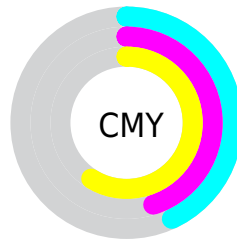
- Red (57%)
- Green (55%)
- Blue (41%)



- Red (44%)
- Yellow (57%)
- Blue (41%)



- Cyan (0%)
- Magenta (4%)
- Yellow (28%)
- Black (43%)



- Cyan (43%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 146, 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 111, 146, 105 by changing the saturation by 10% instead.

■ 111, 146, 105

255, 255, 255

■ 163, 200, 156

■ 191, 229, 183

■ 215, 255, 211

■ 239, 255, 239

■ 111, 146, 105

■ 98, 146, 90

■ 86, 146, 76

■ 111, 146, 105

■ 87, 120, 81

■ 61, 95, 57

■ 40, 71, 35

■ 17, 48, 14

■ 2, 27, 0

■ 0, 0, 0

■ 111, 146, 105

■ 123, 146, 120

■ 136, 146, 134

■ 74, 146, 61

■ 146, 146, 149

■ 62, 146, 47

■ 146, 148, 163

■ 49, 146, 32

■ 146, 150, 178

■ 35, 146, 17

■ 146, 151, 193

■ 24, 146, 3

■ 146, 153, 207

■ 22, 146, 0

■ 146, 155, 222

■ 146, 157, 236

Harmonies

Analogous

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



163, 163, 107



111, 146, 105



113, 146, 133

Triad

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



111, 146, 105



90, 122, 163



168, 128, 151

Complementary

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



111, 146, 105



105, 109, 146

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.



151, 133, 166



111, 146, 105



104, 130, 173

Square

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



111, 146, 105



92, 122, 150



128, 137, 174



176, 127, 133

Rectangle

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



111, 146, 105



113, 141, 148



128, 137, 174



163, 130, 157

Sweetspot

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



111, 146, 105



176, 189, 174



146, 105, 110



86, 94, 85



222, 222, 222



94, 94, 94

Same Dimension

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



111, 146, 105



134, 189, 125



105, 146, 120



68, 74, 67



21, 138, 0



1, 10, 0

Inverse Universe

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



105, 109, 146



125, 132, 189



120, 105, 146



67, 67, 74



0, 16, 138



0, 1, 10

Previews

White Background



This preview shows how the RYB color 111, 146, 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 111, 146, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

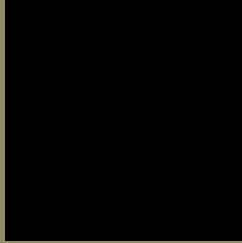
Any Text WCAG AA ✓ Pass

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 111, 146, 105 Background



This preview shows how black text looks on a background with the RYB color 111, 146, 105.



This preview shows how white text looks on a background with the RYB color 111, 146, 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
111, 146, 105

Protanopia
117, 150, 104

Deuteranopia
164, 160, 106



Tritanopia

151, 135, 146

Trichromacy



Original Color

111, 146, 105

Protanomaly

115, 149, 104

Deuteranomaly

142, 157, 106

Tritanomaly

149, 140, 131

Monochromacy



Original Color

111, 146, 105

Achromatopsia

138, 138, 138

Achromatomaly

128, 141, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 146, 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(146, 141, 105) looks like.

```
.text, #text, p{  
    color:rgb(146, 141, 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(146, 141, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 141, 105) }
```

Border

The CSS property to change the border of an element to RYB 111, 146, 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(146, 141, 105) }
```

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

```
.border{ border-color:rgb(146, 141, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 141, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 141, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 141, 105);  
box-shadow:4px 4px 4px 4px rgb(146, 141,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 111, 146, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 141, 105) }
```

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

```
.background{ background-color: rgb(146,  
141, 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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