

# Converting Colors

`RYB(148, 112, 105)`

Have a look what the booklet for  
RYB(148, 112, 105) contains.

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# Color

**R<sub>Y</sub>B(148, 112, 105)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	946F69
RGB	148, 111, 105
RGB Percent	58%, 44%, 41%
CMY	0.4196, 0.5646, 0.5882
CMYK	0.00, 0.25, 0.29, 0.42
HSL	8°, 17%, 50%
HSV	8°, 29%, 58%
XYZ	20.4492, 18.6891, 15.8942
YIQ	121.3790, 23.9780, 5.9780

# Conversions

## Conversions Part 2

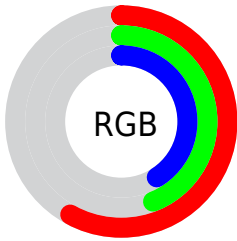
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 112, 105
Decimal	9727849
CIE <sub>Lab</sub>	50.32, 13.74, 9.04
CIE <sub>LCh</sub>	50, 16.445, 33.350
Yxy	18.6891, 0.3716, 0.3396
Android (android.graphics.Color)	4287917929 (0xFF946F69)
YUV	121.3790, -8.0748, 23.3466
Hunter-Lab	43.2309, 8.7805, 8.4632

# Details

The RYB color **148, 112, 105** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105, 125, 148**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **203, 164, 156**, and **96, 64, 58** is the 20% darker color. If you saturate the color by 10%, you get **148, 99, 90**, and if you desaturate by 10%, it is **148, 125, 120**.

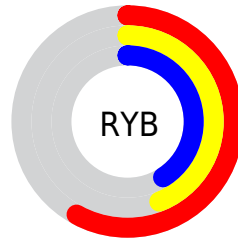
# Distribution



Red (58%)

Green (44%)

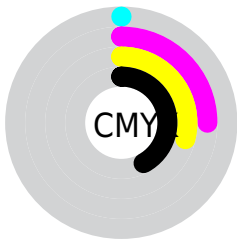
Blue (41%)



Red (58%)

Yellow (44%)

Blue (41%)

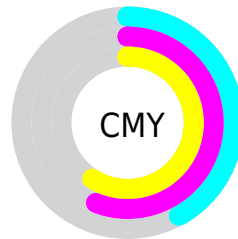


Cyan (0%)

Magenta (25%)

Yellow (29%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (59%)

# Brightness & Saturation Gradients


These gradients show how the RYB color 148, 112, 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 148, 112, 105 by changing the saturation by 10% instead.



 148, 112, 105

255, 255, 255

 203, 164, 156

 231, 191, 183

 255, 219, 211


 255, 251, 239

 148, 112, 105

 122, 88, 81

 96, 64, 58

 72, 42, 36

 48, 21, 15

 28, 0, 0


 0, 0, 0


 148, 112, 105

 148, 99, 90

 148, 88, 75

 148, 112, 105


 148, 125, 120

 148, 136, 135


 148, 75, 61

 148, 149, 149

 148, 62, 46

 148, 155, 164


 148, 50, 31

 148, 162, 179


 148, 38, 16

 148, 169, 194

 148, 26, 1

 148, 176, 209

 148, 24, 0

 148, 183, 223

 148, 190, 238

# Harmonies

## Analogous

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



148, 110, 119



148, 112, 105



141, 130, 95

# Triad

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



148, 112, 105



98, 120, 127



105, 116, 147

# Complementary

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



148, 112, 105



105, 125, 148

# 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.



89, 111, 144



148, 112, 105



85, 108, 128

# Square

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



148, 112, 105



96, 124, 107



81, 106, 135



124, 116, 143

# Rectangle

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



148, 112, 105



116, 133, 92



81, 106, 135



99, 115, 147



# Sweetspot

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



148, 112, 105



191, 176, 174



148, 105, 142



97, 88, 86



224, 224, 224



97, 97, 97



# Same Dimension

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



148, 112, 105



191, 136, 124



130, 148, 105



74, 68, 67



138, 22, 0



10, 1, 0



# Inverse Universe

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



105, 125, 148



124, 155, 191



105, 117, 148



67, 70, 74



0, 64, 138



0, 5, 10



# Previews

## White Background



This preview shows how the RYB color 148, 112, 105 looks on a white background.

## Color Contrast Check

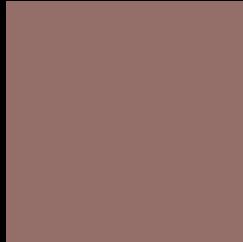
Large Text (above 18pt) WCAG AA ✓ Pass

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 148, 112, 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 148, 112, 105 Background



This preview shows how black text looks on a background with the RYB color 148, 112, 105.

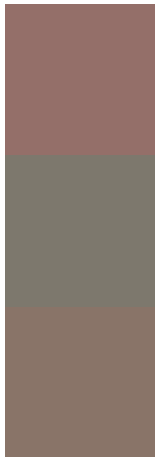


This preview shows how white text looks on a background with the RYB color 148, 112, 105.

# 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**  
148, 112, 105

**Protanopia**  
116, 125, 109

**Deuteranopia**  
137, 123, 104



**Tritanopia**  
149, 109, 118

# Trichromacy



**Original Color**

148, 112, 105

**Protanomaly**

133, 122, 108

**Deuteranomaly**

141, 118, 104

**Tritanomaly**

149, 110, 113

# Monochromacy



**Original Color**

148, 112, 105

**Achromatopsia**

121, 121, 121

**Achromatomaly**

131, 117, 115

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 148, 112, 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(148, 111, 105)` looks like.

```
.text, #text, p{  
    color:rgb(148, 111, 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(148, 111, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 111, 105) }
```

## Border

The CSS property to change the border of an element to RYB 148, 112, 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(148, 111, 105) }
```

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

```
.border{ border-color:rgb(148, 111, 105) }
```

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

Here you see how a box with a 4 pixel rgb(148, 111, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 111, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 111, 105);  
box-shadow:4px 4px 4px 4px rgb(148, 111,  
105) }
```

# Background

The CSS property to change the background color of an element to RYB 148, 112, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 111, 105) }
```

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

```
.background{ background-color: rgb(148,  
111, 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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