

Converting Colors

`RYB(142, 148, 105)`

Have a look what the booklet for
RYB(142, 148, 105) contains.

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Color

R_YB(142, 148, 105)

Conversions

Conversions Part 1

Format	Color
Hex	948069
RGB	148, 128, 105
RGB Percent	58%, 50%, 41%
CMY	0.4196, 0.4976, 0.5882
CMYK	0.00, 0.13, 0.29, 0.42
HSL	32°, 17%, 50%
HSV	32°, 29%, 58%
XYZ	22.4964, 22.7835, 16.5766
YIQ	131.3580, 19.3030, -2.9130

Conversions

Conversions Part 2

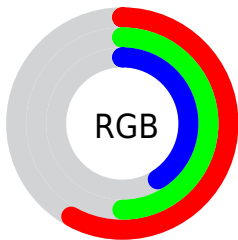
Format	Color
R_{YB}	142, 148, 105
Decimal	9732201
CIE _{Lab}	54.85, 3.90, 15.36
CIE _{LCh}	55, 15.849, 75.737
Yxy	22.7835, 0.3637, 0.3683
Android (android.graphics.Color)	4287922281 (0xFF948069)
YUV	131.3580, -12.9945, 14.5950
Hunter-Lab	47.7321, 0.5969, 12.8220

Details

The RYB color **142, 148, 105** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **105, 119, 148**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **197, 203, 156**, and **91, 97, 58** is the 20% darker color. If you saturate the color by 10%, you get **141, 148, 90**, and if you desaturate by 10%, it is **144, 148, 120**.

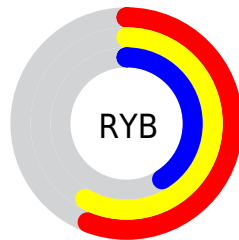
Distribution



Red (58%)

Green (50%)

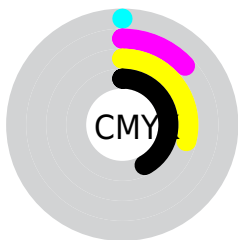
Blue (41%)



Red (56%)

Yellow (58%)

Blue (41%)

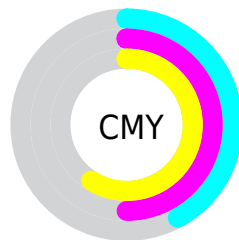


Cyan (0%)

Magenta (13%)

Yellow (29%)

Black (42%)



Cyan (42%)

Magenta (50%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 148, 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 142, 148, 105 by changing the saturation by 10% instead.

■ 142, 148, 105

255, 255, 255

■ 197, 203, 156

■ 227, 231, 183

■ 241, 255, 211

■ 239, 255, 239

■ 142, 148, 105

■ 141, 148, 90

■ 139, 148, 75

■ 142, 148, 105

■ 116, 122, 81

■ 91, 97, 58

■ 65, 72, 36

■ 39, 49, 15

■ 28, 24, 0

■ 0, 0, 0

■ 142, 148, 105

■ 144, 148, 120

■ 146, 148, 135

■ 135, 148, 61

■ 148, 149, 149

■ 133, 148, 46

■ 148, 153, 164

■ 131, 148, 31

■ 148, 158, 179

■ 129, 148, 16

■ 148, 162, 194

■ 128, 148, 1

■ 148, 167, 209

■ 126, 148, 0

■ 148, 172, 223

■ 148, 177, 238

Harmonies

Analogous

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



157, 128, 112



142, 148, 105



106, 134, 105

Triad

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



142, 148, 105



95, 117, 139



142, 125, 150

Complementary

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



142, 148, 105



105, 119, 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.



125, 129, 157



142, 148, 105



96, 120, 150

Square

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



142, 148, 105



104, 126, 139



107, 125, 157



155, 122, 138

Rectangle

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



142, 148, 105



109, 135, 120



107, 125, 157



137, 127, 153

Sweetspot

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



142, 148, 105



189, 191, 174



148, 105, 125



95, 97, 86



224, 224, 224



97, 97, 97

Same Dimension

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



142, 148, 105



182, 191, 124



105, 148, 106



72, 74, 67



119, 138, 0



10, 10, 0

Inverse Universe

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



105, 119, 148



124, 145, 191



106, 105, 148



67, 69, 74



0, 44, 138



0, 3, 10

Previews

White Background



This preview shows how the RYB color 142, 148, 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 142, 148, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

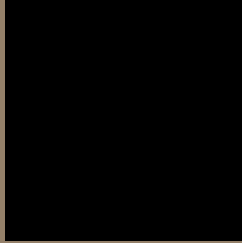
Any Text WCAG AA ✓ Pass

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 142, 148, 105 Background



This preview shows how black text looks on a background with the RYB color 142, 148, 105.



This preview shows how white text looks on a background with the RYB color 142, 148, 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

142, 148, 105

Protanopia

117, 139, 106

Deuteranopia

153, 142, 105



Tritanopia
151, 124, 134

Trichromacy



Original Color

142, 148, 105

Protanomaly

124, 142, 106

Deuteranomaly

151, 147, 105

Tritanomaly

150, 125, 123

Monochromacy



Original Color

142, 148, 105

Achromatopsia

131, 131, 131

Achromatomaly

135, 137, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 148, 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, 128, 105) looks like.

```
.text, #text, p{  
    color:rgb(148, 128, 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, 128, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 128, 105) }
```

Border

The CSS property to change the border of an element to RYB 142, 148, 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, 128, 105) }
```

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

```
.border{ border-color:rgb(148, 128, 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, 128, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 128, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 128, 105);  
box-shadow:4px 4px 4px 4px rgb(148, 128,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 142, 148, 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, 128, 105) }
```

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

```
.background{ background-color: rgb(148,  
128, 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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