

Converting Colors

`RYB(105, 138, 104)`

Have a look what the booklet for
RYB(105, 138, 104) contains.

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Color

R_YB(105, 138, 104)

Conversions

Conversions Part 1

Format	Color
Hex	8A8968
RGB	138, 137, 104
RGB Percent	54%, 54%, 41%
CMY	0.4588, 0.4626, 0.5922
CMYK	0.00, 0.01, 0.25, 0.46
HSL	58°, 14%, 47%
HSV	58°, 25%, 54%
XYZ	21.9296, 24.3022, 16.6317
YIQ	133.5370, 11.1890, -10.0510

Conversions

Conversions Part 2

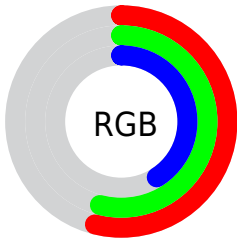
Format	Color
R_{YB}	105, 138, 104
Decimal	9079144
CIE _{Lab}	56.39, -5.35, 17.90
CIE _{LCh}	56, 18.682, 106.656
Yxy	24.3022, 0.3488, 0.3866
Android (android.graphics.Color)	4287269224 (0xFF8A8968)
YUV	133.5370, -14.5617, 3.9141
Hunter-Lab	49.2973, -6.8653, 14.5051

Details

The RYB color **105, 138, 104** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **104, 105, 138**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **157, 192, 155**, and **58, 88, 57** is the 20% darker color. If you saturate the color by 10%, you get **91, 138, 90**, and if you desaturate by 10%, it is **119, 138, 118**.

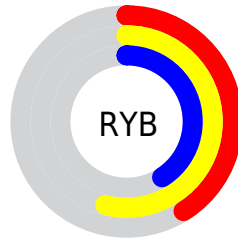
Distribution



Red (54%)

Green (54%)

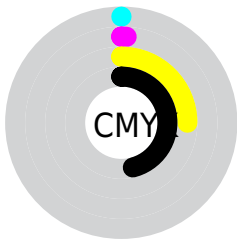
Blue (41%)



Red (41%)

Yellow (54%)

Blue (41%)

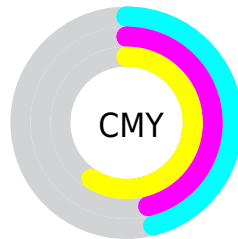


Cyan (0%)

Magenta (1%)

Yellow (25%)

Black (46%)



Cyan (46%)

Magenta (46%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 138, 104 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 105, 138, 104 by changing the saturation by 10% instead.

■ 105, 138, 104

255, 255, 255

■ 157, 192, 155

■ 184, 220, 182

■ 211, 248, 210

■ 238, 255, 238

■ 105, 138, 104

■ 91, 138, 90

■ 78, 138, 76

■ 105, 138, 104

■ 80, 112, 80

■ 58, 88, 57

■ 35, 64, 35

■ 14, 42, 15

■ 0, 22, 3

■ 0, 0, 0

■ 105, 138, 104

■ 119, 138, 118

■ 132, 138, 132

■ 65, 138, 63

■ 138, 138, 145

■ 52, 138, 49

■ 138, 139, 159

■ 38, 138, 35

■ 138, 139, 173

■ 24, 138, 21

■ 138, 139, 187

■ 11, 138, 7

■ 138, 140, 201

■ 4, 138, 0

■ 138, 140, 214

■ 138, 141, 228

Harmonies

Analogous

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



143, 154, 104



105, 138, 104



113, 141, 135

Triad

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



105, 138, 104



92, 121, 158



163, 124, 143

Complementary

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



105, 138, 104



104, 105, 138

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.



149, 128, 158



105, 138, 104



107, 128, 166

Square

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



105, 138, 104



91, 118, 144



128, 133, 166



169, 124, 127

Rectangle

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



105, 138, 104



107, 132, 143



128, 133, 166



159, 125, 148

Sweetspot

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



105, 138, 104



167, 179, 166



138, 104, 105



82, 89, 82



217, 217, 217



89, 89, 89

Same Dimension

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



105, 138, 104



127, 179, 125



104, 138, 120



62, 69, 62



4, 133, 0



0, 5, 0

Inverse Universe

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



104, 105, 138



125, 126, 179



120, 104, 138



62, 62, 69



0, 4, 133



0, 0, 5

Previews

White Background



This preview shows how the RYB color 105, 138, 104 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 105, 138, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

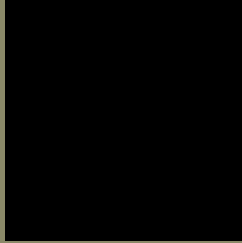
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

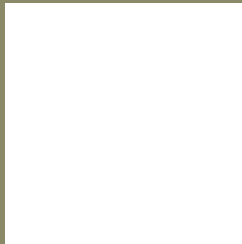
Any Text WCAG AAA × Fail

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

R Y B 105, 138, 104 Background



This preview shows how black text looks on a background with the R Y B color 105, 138, 104.



This preview shows how white text looks on a background with the R Y B color 105, 138, 104.

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](#).

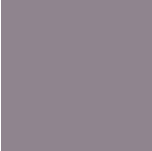
Dichromacy



Original Color
105, 138, 104

Protanopia
115, 144, 103

Deuteranopia
158, 151, 106



Tritanopia
143, 132, 142

Trichromacy



Original Color

105, 138, 104

Protanomaly

110, 142, 103

Deuteranomaly

135, 151, 105

Tritanomaly

141, 139, 128

Monochromacy



Original Color

105, 138, 104

Achromatopsia

134, 134, 134

Achromatomaly

123, 135, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 138, 104 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(138, 137, 104) looks like.

```
.text, #text, p{  
    color:rgb(138, 137, 104)  
}
```

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(138, 137, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 137, 104) }
```

Border

The CSS property to change the border of an element to RYB 105, 138, 104 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(138, 137, 104) }
```

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

```
.border{ border-color:rgb(138, 137, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 137, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 137, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 137, 104);  
box-shadow:4px 4px 4px 4px rgb(138, 137,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 105, 138, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 137, 104) }
```

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

```
.background{ background-color: rgb(138,  
137, 104) }
```

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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