

Converting Colors

`RYB(121, 149, 108)`

Have a look what the booklet for
RYB(121, 149, 108) contains.

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Color

R_YB(121, 149, 108)

Conversions

Conversions Part 1

Format	Color
Hex	958B6C
RGB	149, 139, 108
RGB Percent	58%, 55%, 42%
CMY	0.4157, 0.4544, 0.5765
CMYK	0.00, 0.07, 0.28, 0.42
HSL	46°, 16%, 50%
HSV	46°, 28%, 58%
XYZ	24.3526, 25.9751, 17.9175
YIQ	138.4560, 15.9110, -7.5210

Conversions

Conversions Part 2

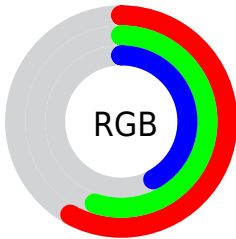
Format	Color
R_{YB}	121, 149, 108
Decimal	9800556
CIE _{Lab}	58.01, -1.45, 18.01
CIE _{LCh}	58, 18.070, 94.614
Yxy	25.9751, 0.3568, 0.3806
Android (android.graphics.Color)	4287990636 (0xFF958B6C)
YUV	138.4560, -15.0148, 9.2471
Hunter-Lab	50.9657, -3.8987, 14.8320

Details

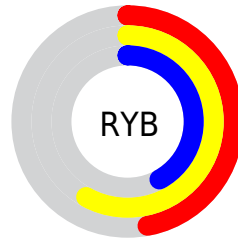
The RYB color **121, 149, 108** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **108, 116, 149**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **177, 204, 160**, and **72, 98, 60** is the 20% darker color. If you saturate the color by 10%, you get **110, 149, 93**, and if you desaturate by 10%, it is **131, 149, 123**.

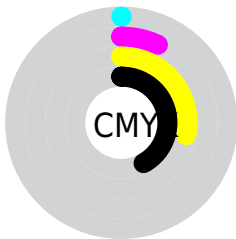
Distribution



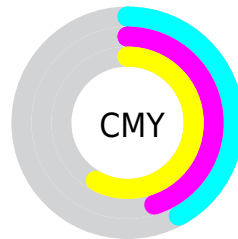
- Red (58%)
- Green (55%)
- Blue (42%)



- Red (47%)
- Yellow (58%)
- Blue (42%)



- Cyan (0%)
- Magenta (7%)
- Yellow (28%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 149, 108 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 121, 149, 108 by changing the saturation by 10% instead.

 121, 149, 108


255, 255, 255


 175, 204, 160

 203, 232, 187

 221, 255, 214

 243, 255, 243

 121, 149, 108

 110, 149, 93

 100, 149, 78

 121, 149, 108

 96, 123, 84

 72, 98, 60

 47, 73, 38


 24, 50, 17

 8, 29, 0

 0, 0, 0

 121, 149, 108

 131, 149, 123

 142, 149, 138

■ 91, 149, 63

■ 149, 150, 153

■ 79, 149, 48

■ 149, 152, 168

■ 70, 149, 33

■ 149, 155, 182

■ 60, 149, 19

■ 149, 159, 197

■ 50, 149, 4

■ 149, 161, 212

■ 47, 149, 0

■ 149, 164, 227

■ 149, 167, 242

Harmonies

Analogous

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



163, 152, 111



121, 149, 108



113, 144, 126

Triad

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



121, 149, 108



96, 124, 157



162, 130, 153

Complementary

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



121, 149, 108



108, 116, 149

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.



145, 135, 165



121, 149, 108



105, 129, 167

Square

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



121, 149, 108



100, 127, 149



124, 136, 171



171, 128, 137

Rectangle

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



121, 149, 108



119, 144, 146



124, 136, 171



157, 131, 158

Sweetspot

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



121, 149, 108



183, 194, 178



149, 108, 118



90, 97, 87



224, 224, 224



97, 97, 97

Same Dimension

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



121, 149, 108



151, 194, 130



108, 149, 118



70, 74, 67



43, 138, 0



3, 10, 0

Inverse Universe

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



108, 116, 149



130, 142, 194



118, 108, 149



67, 68, 74



0, 27, 138



0, 2, 10

Previews

White Background



This preview shows how the RYB color 121, 149, 108 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 121, 149, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

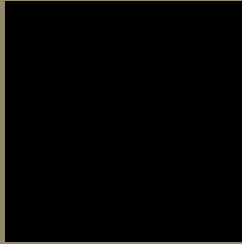
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

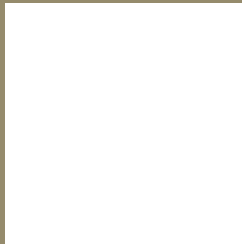
Any Text WCAG AAA × Fail

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

RYP 121, 149, 108 Background



This preview shows how black text looks on a background with the RYP color 121, 149, 108.



This preview shows how white text looks on a background with the RYP color 121, 149, 108.

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

121, 149, 108

Protanopia

121, 149, 108

Deuteranopia

163, 156, 109



Tritanopia
153, 134, 145

Trichromacy



Original Color

121, 149, 108

Protanomaly

121, 149, 108

Deuteranomaly

149, 158, 109

Tritanomaly

152, 137, 132

Monochromacy



Original Color

121, 149, 108

Achromatopsia

139, 139, 139

Achromatomaly

133, 143, 128

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 149, 108 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(149, 139, 108)` looks like.

```
.text, #text, p{  
    color:rgb(149, 139, 108)  
}
```

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(149, 139, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 139, 108) }
```

Border

The CSS property to change the border of an element to RYB 121, 149, 108 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(149, 139, 108) }
```

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

```
.border{ border-color:rgb(149, 139, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 139, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 139, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 139, 108);  
box-shadow:4px 4px 4px 4px rgb(149, 139,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 121, 149, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 139, 108) }
```

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

```
.background{ background-color: rgb(149,  
139, 108) }
```

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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