

Converting Colors

`RYB(121, 182, 109)`

Have a look what the booklet for
RYB(121, 182, 109) contains.

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Color

R_YB(121, 182, 109)

Conversions

Conversions Part 1

Format	Color
Hex	B6AC6D
RGB	182, 172, 109
RGB Percent	71%, 67%, 43%
CMY	0.2863, 0.3267, 0.5725
CMYK	0.00, 0.06, 0.40, 0.29
HSL	52°, 33%, 57%
HSV	52°, 40%, 71%
XYZ	36.7461, 40.4380, 20.3366
YIQ	167.8080, 26.1830, -17.4730

Conversions

Conversions Part 2

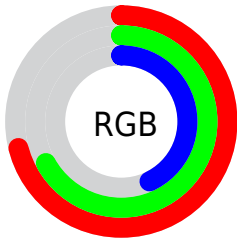
Format	Color
RYB	121, 182, 109
Decimal	11971693
CIELab	69.78, -5.50, 33.57
CIELCh	70, 34.021, 99.299
Yxy	40.4380, 0.3768, 0.4147
Android (android.graphics.Color)	4290161773 (0xFFB6AC6D)
YUV	167.8080, -28.9923, 12.4464
Hunter-Lab	63.5908, -8.1374, 25.5524

Details

The RYB color **121, 182, 109** is a light color, and the websafe version is hex **999966**. A complement of this color would be **109, 118, 182**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **175, 239, 161**, and **69, 128, 60** is the 20% darker color. If you saturate the color by 10%, you get **106, 182, 91**, and if you desaturate by 10%, it is **136, 182, 127**.

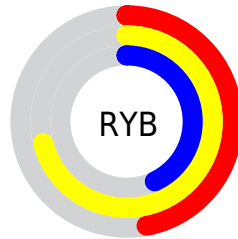
Distribution



Red (71%)

Green (67%)

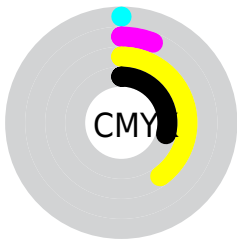
Blue (43%)



Red (47%)

Yellow (71%)

Blue (43%)

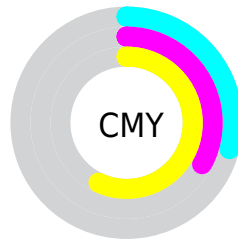


Cyan (0%)

Magenta (6%)

Yellow (40%)

Black (29%)



Cyan (29%)


Magenta (33%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 182, 109 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, 182, 109 by changing the saturation by 10% instead.

 121, 182, 109


255, 255, 255


 175, 239, 161

 189, 255, 189

 217, 255, 217


 245, 255, 245

 121, 182, 109


 94, 154, 84

 69, 128, 60


 45, 102, 37

 18, 76, 13


 4, 53, 0

 1, 29, 0

 0, 0, 0


 121, 182, 109

 106, 182, 91

 121, 182, 109


 136, 182, 127


 90, 182, 73

 151, 182, 145

 75, 182, 54


 168, 182, 164


 61, 182, 36


 182, 182, 182


 45, 182, 18


 182, 185, 200

 30, 182, 0

 182, 186, 218

 182, 189, 236

 182, 191, 255

 182, 193, 255

Harmonies

Analogous

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



210, 208, 113



121, 182, 109



122, 180, 154

Triad

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



121, 182, 109



61, 128, 209



217, 150, 193

Complementary

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



121, 182, 109



109, 118, 182

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.



187, 159, 218



121, 182, 109



94, 146, 228

Square

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



121, 182, 109



75, 133, 187



143, 164, 231



231, 147, 162

Rectangle

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



121, 182, 109



124, 173, 184



143, 164, 231



209, 152, 202

Sweetspot

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



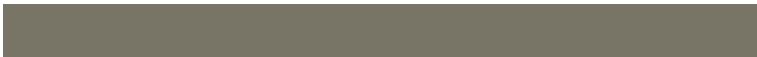
121, 182, 109



214, 237, 209



182, 109, 120



107, 120, 103



247, 247, 247



120, 120, 120

Same Dimension

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



121, 182, 109



142, 237, 123



109, 182, 135



84, 92, 83



26, 156, 0



5, 28, 0

Inverse Universe

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



109, 118, 182



123, 137, 237



135, 109, 182



83, 84, 92



0, 19, 156



0, 4, 28

Previews

White Background



This preview shows how the RYB color 121, 182, 109 looks on a white background.

Color Contrast Check

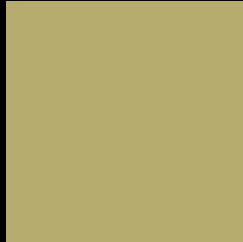
Large Text (above 18pt) WCAG AA × Fail

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, 182, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

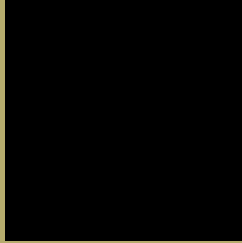
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 121, 182, 109 Background



This preview shows how black text looks on a background with the RYB color 121, 182, 109.



This preview shows how white text looks on a background with the RYB color 121, 182, 109.

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, 182, 109

Protanopia
129, 186, 109

Deuteranopia
187, 205, 111



Tritanopia
189, 163, 176

Trichromacy



Original Color
121, 182, 109

Protanomaly
126, 185, 109

Deuteranomaly
158, 197, 110

Tritanomaly
186, 176, 152

Monochromacy



Original Color
121, 182, 109

Achromatopsia
168, 168, 168

Achromatomaly
152, 173, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 182, 109 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(182, 172, 109)` looks like.

```
.text, #text, p{  
    color:rgb(182, 172, 109)  
}
```

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(182, 172, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 172, 109) }
```

Border

The CSS property to change the border of an element to RYB 121, 182, 109 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(182, 172, 109) }
```

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

```
.border{ border-color:rgb(182, 172, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 172, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 172, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 172, 109);  
box-shadow:4px 4px 4px 4px rgb(182, 172,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 121, 182, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 172, 109) }
```

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

```
.background{ background-color: rgb(182,  
172, 109) }
```

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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