

Converting Colors

`RYB(112, 180, 124)`

Have a look what the booklet for
RYB(112, 180, 124) contains.

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Color

R_YB(112, 180, 124)

Conversions

Conversions Part 1

Format	Color
Hex	A8B470
RGB	168, 180, 112
RGB Percent	66%, 71%, 44%
CMY	0.3412, 0.2941, 0.5608
CMYK	0.07, 0.00, 0.38, 0.29
HSL	71°, 31%, 57%
HSV	71°, 38%, 71%
XYZ	35.3943, 42.1372, 21.5970
YIQ	168.6600, 14.6760, -23.6920

Conversions

Conversions Part 2

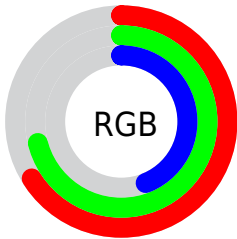
Format	Color
RYB	112, 180, 124
Decimal	11056240
CIELab	70.97, -15.13, 33.30
CIElCh	71, 36.577, 114.430
Yxy	42.1372, 0.3571, 0.4251
Android (android.graphics.Color)	4289246320 (0xFFA8B470)
YUV	168.6600, -27.9334, -0.5788
Hunter-Lab	64.9132, -16.2697, 25.7130

Details

The RYB color **112, 180, 124** is a light color, and the websafe version is hex **999966**. A complement of this color would be **124, 112, 180**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **165, 236, 177**, and **63, 127, 75** is the 20% darker color. If you saturate the color by 10%, you get **94, 180, 109**, and if you desaturate by 10%, it is **130, 180, 139**.

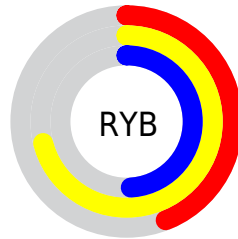
Distribution



Red (66%)

Green (71%)

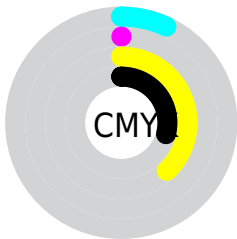
Blue (44%)



Red (44%)

Yellow (71%)

Blue (49%)

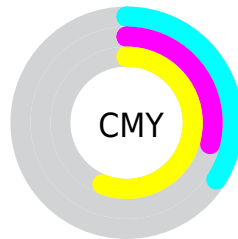


Cyan (7%)

Magenta (0%)

Yellow (38%)

Black (29%)



Cyan (34%)


Magenta (29%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 112, 180, 124 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 112, 180, 124 by changing the saturation by 10% instead.

 112, 180, 124

255, 255, 255


 165, 236, 177

 192, 255, 194


 220, 255, 220


 249, 255, 249

 112, 180, 124


 87, 153, 99

 63, 127, 75

 39, 102, 52

 15, 78, 28

 0, 55, 13

 0, 34, 16

 0, 7, 7

 0, 0, 0

 112, 180, 124

 112, 180, 124

■ 94, 180, 109

■ 130, 180, 139

■ 76, 180, 94

■ 148, 180, 154

■ 58, 180, 80

■ 166, 180, 168

■ 40, 180, 65

■ 181, 180, 184

■ 22, 180, 50

■ 184, 180, 202

■ 4, 180, 35

■ 187, 180, 220

■ 0, 180, 32

■ 190, 180, 238

■ 193, 180, 255

■ 197, 180, 255

Harmonies

Analogous

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



155, 202, 107



112, 180, 124



129, 182, 187

Triad

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



112, 180, 124



62, 133, 227



234, 149, 181

Complementary

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



112, 180, 124



124, 112, 180

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.



210, 156, 213



112, 180, 124



116, 158, 239

Square

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



112, 180, 124



47, 121, 200



169, 167, 234



239, 150, 148

Rectangle

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



112, 180, 124



101, 156, 190



169, 167, 234



228, 150, 192

Sweetspot

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



112, 180, 124



209, 235, 214



180, 125, 112



102, 117, 104



245, 245, 245



117, 117, 117

Same Dimension

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



112, 180, 124



129, 235, 148



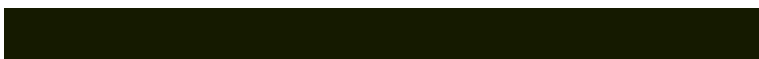
112, 180, 157



80, 89, 81



0, 153, 27



0, 26, 5

Inverse Universe

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



124, 112, 180



148, 129, 235



157, 112, 180



82, 80, 89



27, 0, 153



5, 0, 26

Previews

White Background



This preview shows how the RYB color 112, 180, 124 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 112, 180, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

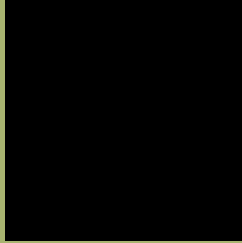
Any Text WCAG AA ✓ Pass

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 112, 180, 124 Background



This preview shows how black text looks on a background with the RYB color 112, 180, 124.



This preview shows how white text looks on a background with the RYB color 112, 180, 124.

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
112, 180, 124

Protanopia
129, 189, 109

Deuteranopia
192, 208, 115



Tritanopia
177, 171, 185

Trichromacy



Original Color

112, 180, 124

Protanomaly

115, 181, 110

Deuteranomaly

144, 193, 114

Tritanomaly

158, 174, 158

Monochromacy



Original Color

112, 180, 124

Achromatopsia

169, 169, 169

Achromatomaly

148, 173, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 112, 180, 124 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(168, 180, 112)` looks like.

```
.text, #text, p{  
    color:rgb(168, 180, 112)  
}
```

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(168, 180, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 180, 112) }
```

Border

The CSS property to change the border of an element to RYB 112, 180, 124 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(168, 180, 112) }
```

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

```
.border{ border-color:rgb(168, 180, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 180, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 180, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 180, 112);  
box-shadow:4px 4px 4px 4px rgb(168, 180,  
112) }
```

Background

The CSS property to change the background color of an element to RYB 112, 180, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 180, 112) }
```

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

```
.background{ background-color: rgb(168,  
180, 112) }
```

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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