

Converting Colors

`RYB(124, 178, 162)`

Have a look what the booklet for
RYB(124, 178, 162) contains.

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Color

R_YB(124, 178, 162)

Conversions

Conversions Part 1

Format	Color
Hex	8CB27C
RGB	140, 178, 124
RGB Percent	55%, 70%, 49%
CMY	0.4510, 0.3020, 0.5137
CMYK	0.21, 0.00, 0.30, 0.30
HSL	102°, 26%, 59%
HSV	102°, 30%, 70%
XYZ	30.3737, 38.8715, 24.9709
YIQ	160.4820, -5.3140, -24.8500

Conversions

Conversions Part 2

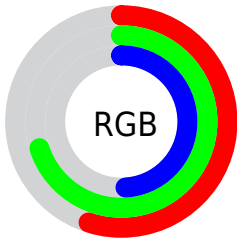
Format	Color
RYB	124, 178, 162
Decimal	9220732
CIELab	68.66, -23.07, 23.54
CIElCh	69, 32.958, 134.414
Yxy	38.8715, 0.3224, 0.4126
Android (android.graphics.Color)	4287410812 (0xFF8CB27C)
YUV	160.4820, -17.9856, -17.9627
Hunter-Lab	62.3470, -22.1471, 19.8964

Details

The RYB color **124, 178, 162** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **162, 124, 178**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **177, 234, 217**, and **75, 125, 111** is the 20% darker color. If you saturate the color by 10%, you get **106, 178, 157**, and if you desaturate by 10%, it is **142, 178, 167**.

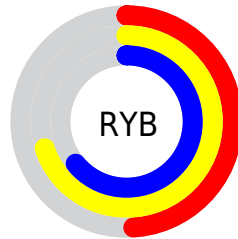
Distribution



Red (55%)

Green (70%)

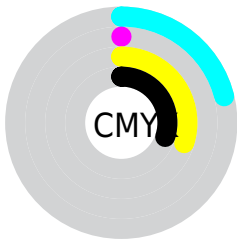
Blue (49%)



Red (49%)

Yellow (70%)

Blue (64%)

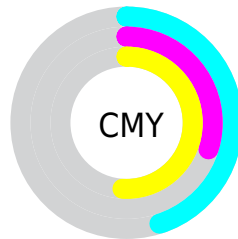


Cyan (21%)

Magenta (0%)

Yellow (30%)

Black (30%)



Cyan (45%)


Magenta (30%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 178, 162 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 124, 178, 162 by changing the saturation by 10% instead.


 124, 178, 162


255, 255, 255


 177, 234, 217


 204, 255, 236

 233, 255, 237

 124, 178, 162

 99, 151, 136

 75, 125, 111


 51, 100, 87

 29, 76, 64

 6, 53, 42

 0, 32, 32


 0, 0, 0


 124, 178, 162


 106, 178, 157

 124, 178, 162


 142, 178, 167


 88, 178, 151


 160, 178, 173

 71, 178, 147


 177, 178, 177

 53, 178, 141

 190, 178, 195

 35, 178, 136


 203, 178, 213

 17, 178, 130

 215, 178, 231

 0, 178, 125

 228, 178, 249

 240, 178, 255

 253, 178, 255

Harmonies

Analogous

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



112, 173, 109



124, 178, 162



104, 154, 183

Triad

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



124, 178, 162



102, 148, 224



227, 145, 154

Complementary

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



124, 178, 162



162, 124, 178

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.



216, 147, 184



124, 178, 162



149, 162, 225

Square

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



124, 178, 162



66, 130, 208



189, 155, 210



221, 159, 127

Rectangle

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



124, 178, 162



81, 136, 184



189, 155, 210



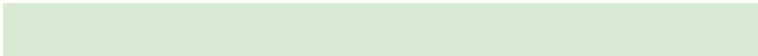
225, 145, 164

Sweetspot

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



124, 178, 162



211, 232, 226



147, 178, 124



104, 117, 113



245, 245, 245



117, 117, 117

Same Dimension

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



124, 178, 162



149, 232, 208



124, 169, 178



80, 89, 86



0, 153, 108



0, 26, 18

Inverse Universe

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



162, 124, 178



207, 149, 232



178, 124, 167



87, 80, 89



108, 0, 153



18, 0, 26

Previews

White Background



This preview shows how the RYB color 124, 178, 162 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 124, 178, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

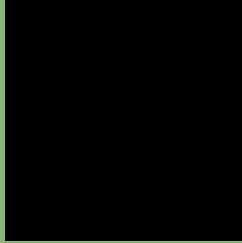
Any Text WCAG AA ✓ Pass

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 124, 178, 162 Background



This preview shows how black text looks on a background with the RYB color 124, 178, 162.

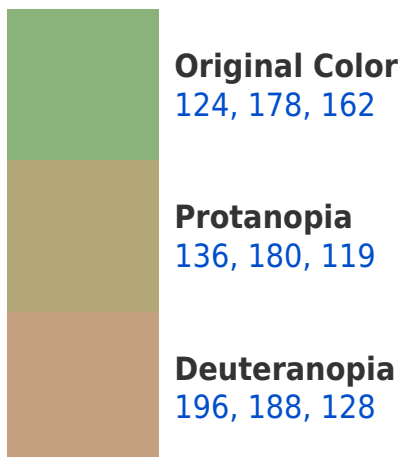


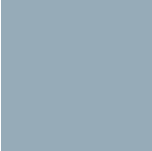
This preview shows how white text looks on a background with the RYB color 124, 178, 162.

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





Tritanopia
150, 163, 184

Trichromacy



Original Color
124, 178, 162

Protanomaly
121, 171, 127

Deuteranomaly
138, 176, 127

Tritanomaly
146, 163, 173

Monochromacy



Original Color
124, 178, 162

Achromatopsia
160, 160, 160

Achromatomaly
147, 167, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 178, 162 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(140, 178, 124)` looks like.

```
.text, #text, p{  
    color:rgb(140, 178, 124)  
}
```

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(140, 178, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 178, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 178, 162 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(140, 178, 124) }
```

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

```
.border{ border-color:rgb(140, 178, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 178, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 178, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 178, 124);  
box-shadow:4px 4px 4px 4px rgb(140, 178,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 178, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 178, 124) }
```

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

```
.background{ background-color: rgb(140,  
178, 124) }
```

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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