

Converting Colors

`RYB(148, 178, 146)`

Have a look what the booklet for
RYB(148, 178, 146) contains.

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Color

R_YB(148, 178, 146)

Conversions

Conversions Part 1

Format	Color
Hex	B2B092
RGB	178, 176, 146
RGB Percent	70%, 69%, 57%
CMY	0.3020, 0.3093, 0.4275
CMYK	0.00, 0.01, 0.18, 0.30
HSL	56°, 17%, 64%
HSV	56°, 18%, 70%
XYZ	39.0968, 42.6371, 33.3633
YIQ	173.1780, 10.8220, -8.9060

Conversions

Conversions Part 2

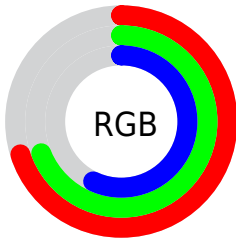
Format	Color
RYB	148, 178, 146
Decimal	11710610
CIELab	71.31, -4.47, 15.70
CIELCh	71, 16.322, 105.911
Yxy	42.6371, 0.3397, 0.3704
Android (android.graphics.Color)	4289900690 (0xFFB2B092)
YUV	173.1780, -13.3988, 4.2289
Hunter-Lab	65.2971, -7.3926, 15.4140

Details

The RYB color **148, 178, 146** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **146, 148, 178**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **202, 234, 200**, and **96, 125, 95** is the 20% darker color. If you saturate the color by 10%, you get **131, 178, 128**, and if you desaturate by 10%, it is **165, 178, 164**.

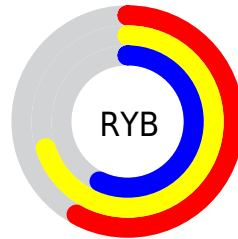
Distribution



Red (70%)

Green (69%)

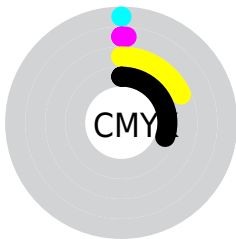
Blue (57%)



Red (58%)

Yellow (70%)

Blue (57%)

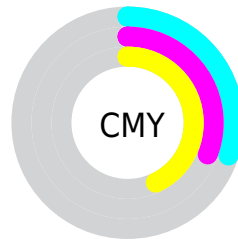


Cyan (0%)

Magenta (1%)

Yellow (18%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 178, 146 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 148, 178, 146 by changing the saturation by 10% instead.


 148, 178, 146


255, 255, 255


 202, 234, 200


 228, 255, 228

 148, 178, 146

 122, 151, 120

 96, 125, 95

 73, 100, 72

 50, 76, 49

 29, 53, 28

 4, 32, 3

 0, 8, 8

 0, 0, 0

 148, 178, 146

 148, 178, 146

■ 131, 178, 128

■ 165, 178, 164

■ 114, 178, 110

■ 178, 178, 182

■ 98, 178, 93

■ 178, 179, 199

■ 81, 178, 75

■ 178, 180, 217

■ 64, 178, 57

■ 178, 181, 235

■ 47, 178, 39

■ 178, 182, 253

■ 31, 178, 21

■ 178, 183, 255

■ 15, 178, 4

■ 178, 184, 255

■ 11, 178, 0

■ 178, 185, 255

Harmonies

Analogous

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



187, 193, 146



148, 178, 146



154, 180, 173

Triad

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



148, 178, 146



138, 163, 195



200, 165, 182

Complementary

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



148, 178, 146



146, 148, 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.



187, 168, 195



148, 178, 146



150, 168, 203

Square

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



148, 178, 146



136, 160, 183



168, 172, 203



206, 164, 167

Rectangle

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



148, 178, 146



150, 173, 182



168, 172, 203



197, 166, 187

Sweetspot

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



148, 178, 146



221, 232, 220



178, 146, 148



110, 117, 110



245, 245, 245



117, 117, 117

Same Dimension

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



148, 178, 146



184, 232, 181



146, 178, 160



80, 89, 80



10, 153, 0



2, 26, 0

Inverse Universe

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



146, 148, 178



181, 184, 232



160, 146, 178



80, 81, 89



0, 9, 153



0, 1, 26

Previews

White Background



This preview shows how the RYB color 148, 178, 146 looks on a white background.

Color Contrast Check

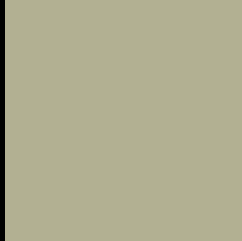
Large Text (above 18pt) WCAG AA × Fail

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 148, 178, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

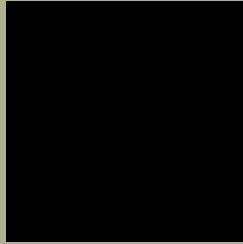
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

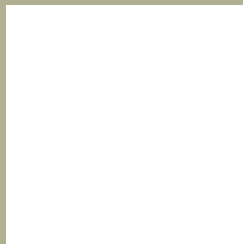
Any Text WCAG AAA ✓ Pass

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

RYB 148, 178, 146 Background



This preview shows how black text looks on a background with the RYB color 148, 178, 146.



This preview shows how white text looks on a background with the RYB color 148, 178, 146.

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

148, 178, 146

Protanopia

158, 184, 145

Deuteranopia

201, 180, 148



Tritanopia
183, 171, 184

Trichromacy



Original Color

148, 178, 146

Protanomaly

154, 182, 145

Deuteranomaly

189, 193, 147

Tritanomaly

181, 174, 170

Monochromacy



Original Color

148, 178, 146

Achromatopsia

173, 173, 173

Achromatomaly

164, 175, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 178, 146 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(178, 176, 146) looks like.

```
.text, #text, p{  
    color:rgb(178, 176, 146)  
}
```

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(178, 176, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 176, 146) }
```

Border

The CSS property to change the border of an element to RYB 148, 178, 146 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(178, 176, 146) }
```

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

```
.border{ border-color:rgb(178, 176, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 176, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 176, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 176, 146);  
box-shadow:4px 4px 4px 4px rgb(178, 176,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 148, 178, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 176, 146) }
```

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

```
.background{ background-color: rgb(178,  
176, 146) }
```

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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