

Converting Colors

`RYB(108, 179, 107)`

Have a look what the booklet for
RYB(108, 179, 107) contains.

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Color

R_YB(108, 179, 107)

Conversions

Conversions Part 1

Format	Color
Hex	B3B26B
RGB	179, 178, 107
RGB Percent	70%, 70%, 42%
CMY	0.2980, 0.3019, 0.5804
CMYK	0.00, 0.01, 0.40, 0.30
HSL	59°, 32%, 56%
HSV	59°, 40%, 70%
XYZ	37.1674, 42.4915, 20.1527
YIQ	170.2050, 23.3870, -21.8690

Conversions

Conversions Part 2

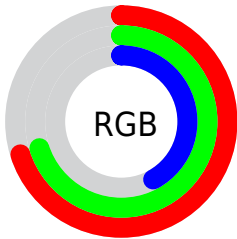
Format	Color
RYB	108, 179, 107
Decimal	11776619
CIELab	71.21, -10.27, 36.38
CIELCh	71, 37.802, 105.758
Yxy	42.4915, 0.3724, 0.4257
Android (android.graphics.Color)	4289966699 (0xFFB3B26B)
YUV	170.2050, -31.1601, 7.7132
Hunter-Lab	65.1855, -12.2977, 27.2998

Details

The RYB color **108, 179, 107** is a light color, and the websafe version is hex **999966**. A complement of this color would be **107, 108, 179**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **161, 236, 159**, and **58, 126, 59** is the 20% darker color. If you saturate the color by 10%, you get **90, 179, 89**, and if you desaturate by 10%, it is **126, 179, 125**.

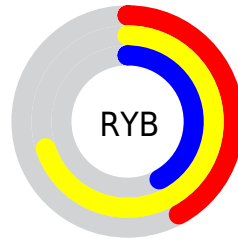
Distribution



Red (70%)

Green (70%)

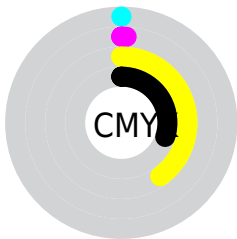
Blue (42%)



Red (42%)

Yellow (70%)

Blue (42%)

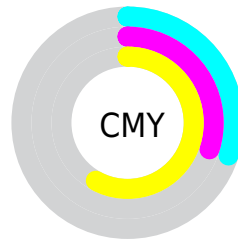


Cyan (0%)

Magenta (1%)

Yellow (40%)

Black (30%)



Cyan (30%)

Magenta (30%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 179, 107 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 108, 179, 107 by changing the saturation by 10% instead.

 108, 179, 107

255, 255, 255


 161, 236, 159

 187, 255, 187

 215, 255, 215

 243, 255, 243

 108, 179, 107

 83, 152, 82

 58, 126, 59

 34, 101, 36

 8, 77, 11

 0, 54, 3

 0, 33, 7

 0, 8, 8

 0, 0, 0

 108, 179, 107

 108, 179, 107

90, 179, 89

126, 179, 125

72, 179, 71

143, 179, 143

55, 179, 53

161, 179, 161

37, 179, 35

179, 179, 179

20, 179, 18

179, 179, 196

2, 179, 0

179, 179, 214

179, 180, 232

179, 180, 250

179, 180, 255

Harmonies

Analogous

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



187, 212, 108



108, 179, 107



125, 187, 172

Triad

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



108, 179, 107



39, 122, 223



231, 150, 192

Complementary

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



108, 179, 107



107, 108, 179

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.



201, 159, 223



108, 179, 107



96, 150, 240

Square

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



108, 179, 107



48, 121, 193



154, 168, 240



242, 148, 157

Rectangle

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



108, 179, 107



112, 167, 190



154, 168, 240



223, 152, 203

Sweetspot

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



108, 179, 107



204, 232, 204



179, 107, 108



101, 117, 101



245, 245, 245



117, 117, 117

Same Dimension

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



108, 179, 107



122, 232, 121



107, 179, 142



80, 89, 80



2, 153, 0



1, 26, 0

Inverse Universe

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



107, 108, 179



121, 122, 232



142, 107, 179



80, 80, 89



0, 2, 153



0, 0, 26

Previews

White Background



This preview shows how the RYB color 108, 179, 107 looks on a white background.

Color Contrast Check

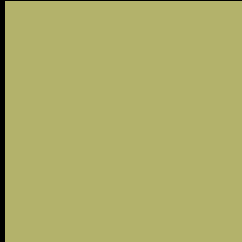
Large Text (above 18pt) WCAG AA × Fail

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 108, 179, 107 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 108, 179, 107 Background



This preview shows how black text looks on a background with the RYB color 108, 179, 107.



This preview shows how white text looks on a background with the RYB color 108, 179, 107.

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
108, 179, 107

Protanopia
126, 190, 106

Deuteranopia
189, 210, 110



Tritanopia
188, 169, 182

Trichromacy



Original Color

108, 179, 107

Protanomaly

119, 186, 106

Deuteranomaly

152, 199, 109

Tritanomaly

178, 185, 155

Monochromacy



Original Color

108, 179, 107

Achromatopsia

170, 170, 170

Achromatomaly

147, 173, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 179, 107 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(179, 178, 107)` looks like.

```
.text, #text, p{  
    color:rgb(179, 178, 107)  
}
```

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(179, 178, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 178, 107) }
```

Border

The CSS property to change the border of an element to RYB 108, 179, 107 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(179, 178, 107) }
```

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

```
.border{ border-color:rgb(179, 178, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 178, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 178, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 178, 107);  
box-shadow:4px 4px 4px 4px rgb(179, 178,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 108, 179, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 178, 107) }
```

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

```
.background{ background-color: rgb(179,  
178, 107) }
```

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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