

Converting Colors

`RYB(107, 179, 164)`

Have a look what the booklet for
RYB(107, 179, 164) contains.

RYB(107, 179, 164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(107, 179, 164)

Conversions

Conversions Part 1

Format	Color
Hex	7AB36B
RGB	122, 179, 107
RGB Percent	48%, 70%, 42%
CMY	0.5216, 0.2980, 0.5804
CMYK	0.32, 0.00, 0.40, 0.30
HSL	107°, 32%, 56%
HSV	107°, 40%, 70%
XYZ	26.8000, 37.4393, 19.7239
YIQ	153.7490, -10.8600, -34.4760

Conversions

Conversions Part 2

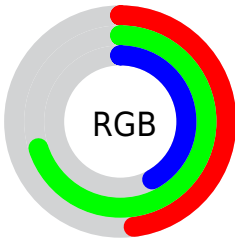
Format	Color
RYB	107, 179, 164
Decimal	8041323
CIELab	67.61, -32.50, 30.98
CIElCh	68, 44.900, 136.366
Yxy	37.4393, 0.3192, 0.4459
Android (android.graphics.Color)	4286231403 (0xFF7AB36B)
YUV	153.7490, -23.0473, -27.8439
Hunter-Lab	61.1877, -28.8961, 23.7192

Details

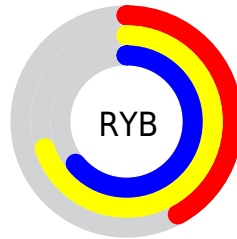
The RYB color **107, 179, 164** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **164, 107, 179**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **159, 235, 218**, and **58, 126, 114** is the 20% darker color. If you saturate the color by 10%, you get **89, 179, 160**, and if you desaturate by 10%, it is **125, 179, 168**.

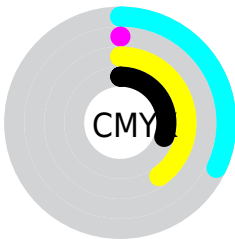
Distribution



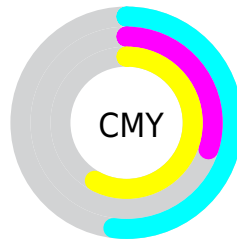
- Red (48%)
- Green (70%)
- Blue (42%)



- Red (42%)
- Yellow (70%)
- Blue (64%)



- Cyan (32%)
- Magenta (0%)
- Yellow (40%)
- Black (30%)



- Cyan (52%)
- Magenta (30%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 179, 164 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 107, 179, 164 by changing the saturation by 10% instead.

 107, 179, 164

255, 255, 255


 159, 235, 218


 186, 255, 237

 214, 255, 236

 243, 255, 243

 107, 179, 164

 82, 152, 138

 58, 126, 114

 35, 100, 91


 10, 76, 70


 0, 53, 53

 0, 34, 34


 0, 0, 0

 107, 179, 164


 89, 179, 160


 107, 179, 164


 125, 179, 168

 71, 179, 156


 143, 179, 172

 53, 179, 153

 161, 179, 175

 35, 179, 149


 179, 179, 179

 18, 179, 146


 193, 179, 196

 0, 179, 142

 207, 179, 214

 221, 179, 232

 235, 179, 250

 250, 179, 255

Harmonies

Analogous

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



85, 169, 86



107, 179, 164



60, 134, 184

Triad

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



107, 179, 164



48, 125, 243



242, 132, 144

Complementary

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



107, 179, 164



164, 107, 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.



231, 134, 185



107, 179, 164



139, 157, 242

Square

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



107, 179, 164



0, 100, 222



196, 146, 221



232, 155, 108

Rectangle

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



107, 179, 164



0, 97, 186



196, 146, 221



241, 131, 157

Sweetspot

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



107, 179, 164



204, 232, 226



128, 179, 107



101, 117, 114



245, 245, 245



117, 117, 117

Same Dimension

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



107, 179, 164



121, 232, 209



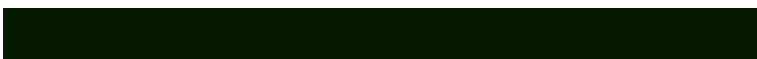
107, 163, 179



80, 89, 87



0, 153, 121



0, 26, 21

Inverse Universe

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



164, 107, 179



209, 121, 232



179, 107, 159



87, 80, 89



121, 0, 153



20, 0, 26

Previews

White Background



This preview shows how the RYB color 107, 179, 164 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 107, 179, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

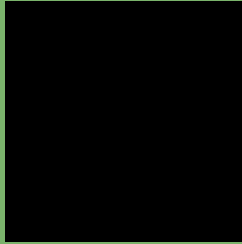
Any Text WCAG AA ✓ Pass

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 107, 179, 164 Background



This preview shows how black text looks on a background with the RYB color 107, 179, 164.



This preview shows how white text looks on a background with the RYB color 107, 179, 164.

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
107, 179, 164

Protanopia
120, 179, 101

Deuteranopia
185, 196, 112



Tritanopia
135, 155, 184

Trichromacy



Original Color
107, 179, 164

Protanomaly
103, 169, 114

Deuteranomaly
114, 169, 110

Tritanomaly
130, 157, 173

Monochromacy



Original Color
107, 179, 164

Achromatopsia
154, 154, 154

Achromatomaly
137, 163, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 179, 164 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(122, 179, 107)` looks like.

```
.text, #text, p{  
    color:rgb(122, 179, 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(122, 179, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 179, 107) }
```

Border

The CSS property to change the border of an element to RYB 107, 179, 164 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(122, 179, 107) }
```

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

```
.border{ border-color:rgb(122, 179, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 179, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 179, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 179, 107);  
box-shadow:4px 4px 4px 4px rgb(122, 179,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 107, 179, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 179, 107) }
```

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

```
.background{ background-color: rgb(122,  
179, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor