

Converting Colors

`RYB(107, 181, 164)`

Have a look what the booklet for
RYB(107, 181, 164) contains.

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Color

R_YB(107, 181, 164)

Conversions

Conversions Part 1

Format	Color
Hex	7CB56B
RGB	124, 181, 107
RGB Percent	49%, 71%, 42%
CMY	0.5137, 0.2902, 0.5804
CMYK	0.31, 0.00, 0.41, 0.29
HSL	106°, 33%, 56%
HSV	106°, 41%, 71%
XYZ	27.4899, 38.3944, 19.8719
YIQ	155.5210, -10.2180, -35.0980

Conversions

Conversions Part 2

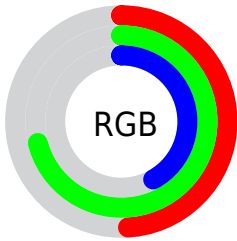
Format	Color
RYB	107, 181, 164
Decimal	8172907
CIELab	68.31, -32.75, 31.92
CIELCh	68, 45.727, 135.735
Yxy	38.3944, 0.3206, 0.4477
Android (android.graphics.Color)	4286362987 (0xFF7CB56B)
YUV	155.5210, -23.9209, -27.6439
Hunter-Lab	61.9632, -29.2443, 24.3596

Details

The RYB color **107, 181, 164** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **164, 107, 181**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **159, 237, 218**, and **58, 128, 114** is the 20% darker color. If you saturate the color by 10%, you get **89, 181, 160**, and if you desaturate by 10%, it is **125, 181, 168**.

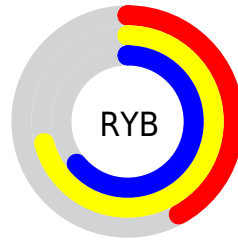
Distribution



Red (49%)

Green (71%)

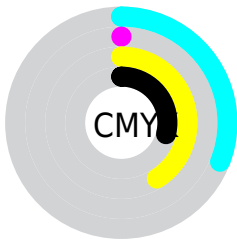
Blue (42%)



Red (42%)

Yellow (71%)

Blue (64%)

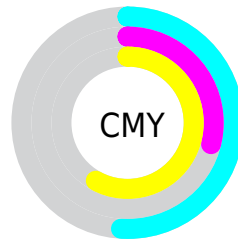


Cyan (31%)

Magenta (0%)

Yellow (41%)

Black (29%)



Cyan (51%)

Magenta (29%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 181, 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, 181, 164 by changing the saturation by 10% instead.

 107, 181, 164

255, 255, 255


 159, 237, 218


 187, 255, 235


 215, 255, 235

 243, 255, 243

 107, 181, 164

 82, 154, 138

 58, 128, 114


 34, 102, 90


 10, 78, 70


 0, 54, 54

 0, 35, 35


 0, 0, 0

 107, 181, 164


 89, 181, 160


 107, 181, 164


 125, 181, 168

 71, 181, 156


 143, 181, 172

 53, 181, 152

 161, 181, 176


 35, 181, 148


 179, 181, 180


 17, 181, 144

 194, 181, 198

 0, 181, 139

 208, 181, 216

 222, 181, 234

 236, 181, 252

 249, 181, 255

Harmonies

Analogous

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



85, 171, 85



107, 181, 164



61, 137, 187

Triad

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



107, 181, 164



41, 123, 246



245, 133, 146

Complementary

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



107, 181, 164



164, 107, 181

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.



234, 135, 188



107, 181, 164



139, 159, 246

Square

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



107, 181, 164



0, 102, 225



198, 147, 225



236, 155, 109

Rectangle

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



107, 181, 164



0, 98, 188



198, 147, 225



244, 132, 160

Sweetspot

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



107, 181, 164



206, 235, 228



129, 181, 107



101, 117, 113



245, 245, 245



117, 117, 117

Same Dimension

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



107, 181, 164



120, 235, 209



107, 165, 181



80, 89, 87



0, 153, 118



0, 26, 20

Inverse Universe

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



164, 107, 181



208, 120, 235



181, 107, 161



87, 80, 89



118, 0, 153



20, 0, 26

Previews

White Background



This preview shows how the RYB color 107, 181, 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, 181, 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, 181, 164 Background



This preview shows how black text looks on a background with the RYB color 107, 181, 164.

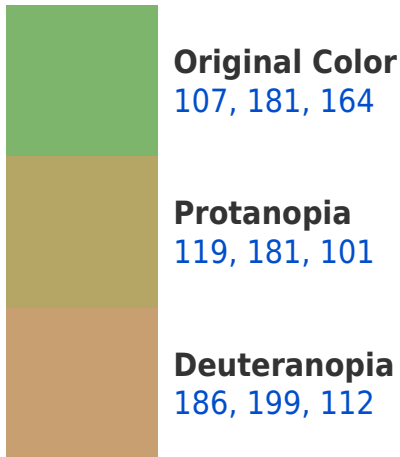


This preview shows how white text looks on a background with the RYB color 107, 181, 164.

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





Tritanopia
137, 157, 185

Trichromacy



Original Color
107, 181, 164

Protanomaly
103, 171, 114

Deuteranomaly
115, 172, 110

Tritanomaly
132, 159, 175

Monochromacy



Original Color
107, 181, 164

Achromatopsia
156, 156, 156

Achromatomaly
138, 165, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 181, 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(124, 181, 107) looks like.

```
.text, #text, p{  
    color:rgb(124, 181, 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(124, 181, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 181, 107) }
```

Border

The CSS property to change the border of an element to RYB 107, 181, 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(124, 181, 107) }
```

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

```
.border{ border-color:rgb(124, 181, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 181, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 181, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 181, 107);  
box-shadow:4px 4px 4px 4px rgb(124, 181,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 107, 181, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 181, 107) }
```

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

```
.background{ background-color: rgb(124,  
181, 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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