

Converting Colors

`RYB(110, 167, 150)`

Have a look what the booklet for
RYB(110, 167, 150) contains.

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Color

R_YB(110, 167, 150)

Conversions

Conversions Part 1

Format	Color
Hex	7FA76E
RGB	127, 167, 110
RGB Percent	50%, 65%, 43%
CMY	0.5020, 0.3451, 0.5686
CMYK	0.24, 0.00, 0.34, 0.35
HSL	102°, 24%, 54%
HSV	102°, 34%, 65%
XYZ	25.3856, 33.2752, 19.8367
YIQ	148.5420, -5.5430, -26.2070

Conversions

Conversions Part 2

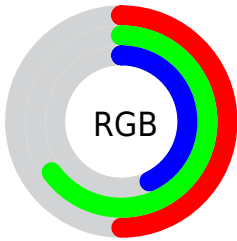
Format	Color
RYB	110, 167, 150
Decimal	8365934
CIELab	64.38, -24.48, 25.21
CIElCh	64, 35.143, 134.157
Yxy	33.2752, 0.3234, 0.4239
Android (android.graphics.Color)	4286556014 (0xFF7FA76E)
YUV	148.5420, -19.0012, -18.8923
Hunter-Lab	57.6847, -22.3949, 19.9906

Details

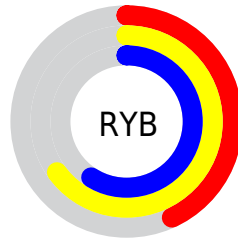
The RYB color **110, 167, 150** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **150, 110, 167**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **162, 222, 203**, and **62, 115, 101** is the 20% darker color. If you saturate the color by 10%, you get **93, 167, 145**, and if you desaturate by 10%, it is **127, 167, 155**.

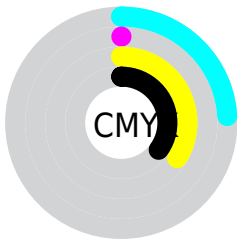
Distribution



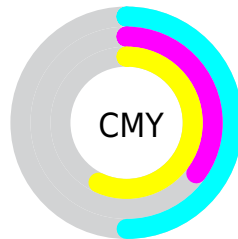
- Red (50%)
- Green (65%)
- Blue (43%)



- Red (43%)
- Yellow (65%)
- Blue (59%)



- Cyan (24%)
- Magenta (0%)
- Yellow (34%)
- Black (35%)




- Cyan (50%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 167, 150 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 110, 167, 150 by changing the saturation by 10% instead.

 110, 167, 150


255, 255, 255


 162, 222, 203


 189, 251, 231

 217, 255, 235

 246, 255, 246

 110, 167, 150

 85, 140, 124

 62, 115, 101

 39, 90, 77


 17, 66, 55


 0, 44, 37


 0, 24, 24

 0, 0, 0

 110, 167, 150

 93, 167, 145

 110, 167, 150

 127, 167, 155

■ 77, 167, 140

■ 143, 167, 160

■ 60, 167, 135

■ 160, 167, 165

■ 43, 167, 130

■ 174, 167, 177

■ 27, 167, 126

■ 186, 167, 194

■ 10, 167, 120

■ 197, 167, 210

■ 0, 167, 117

■ 209, 167, 227

■ 221, 167, 244

■ 232, 167, 255

Harmonies

Analogous

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



97, 162, 94



110, 167, 150



87, 140, 172

Triad

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



110, 167, 150



81, 132, 216



217, 132, 142

Complementary

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



110, 167, 150



150, 110, 167

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.



207, 134, 174



110, 167, 150



135, 150, 217

Square

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



110, 167, 150



27, 105, 199



179, 143, 201



211, 146, 114

Rectangle

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



110, 167, 150



58, 119, 173



179, 143, 201



216, 132, 153

Sweetspot

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



110, 167, 150



195, 217, 210



134, 167, 110



96, 110, 106



237, 237, 237



110, 110, 110

Same Dimension

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



110, 167, 150



128, 217, 191



110, 158, 167



76, 84, 82



0, 148, 104



0, 20, 14

Inverse Universe

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



150, 110, 167



190, 128, 217



167, 110, 156



82, 76, 84



104, 0, 148



14, 0, 20

Previews

White Background



This preview shows how the RYB color 110, 167, 150 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 110, 167, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

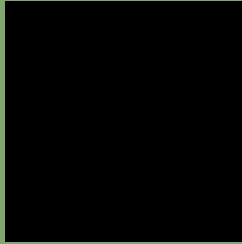
Any Text WCAG AA ✓ Pass

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](#).

R Y B 110, 167, 150 Background



This preview shows how black text looks on a background with the RYB color 110, 167, 150.

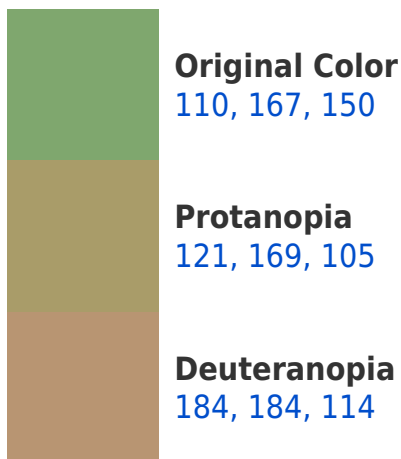


This preview shows how white text looks on a background with the RYB color 110, 167, 150.

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, 151, 172

Trichromacy



Original Color
110, 167, 150

Protanomaly
107, 160, 113

Deuteranomaly
121, 163, 113

Tritanomaly
133, 152, 162

Monochromacy



Original Color
110, 167, 150

Achromatopsia
149, 149, 149

Achromatomaly
135, 156, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 167, 150 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(127, 167, 110)` looks like.

```
.text, #text, p{  
    color:rgb(127, 167, 110)  
}
```

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(127, 167, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 167, 110) }
```

Border

The CSS property to change the border of an element to RYB 110, 167, 150 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(127, 167, 110) }
```

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

```
.border{ border-color:rgb(127, 167, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 167, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 167, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 167, 110);  
box-shadow:4px 4px 4px 4px rgb(127, 167,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 110, 167, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 167, 110) }
```

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

```
.background{ background-color: rgb(127,  
167, 110) }
```

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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