

Converting Colors

`RYB(84, 150, 154)`

Have a look what the booklet for
RYB(84, 150, 154) contains.

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Color

`RYB(84, 150, 154)`

Conversions

Conversions Part 1

Format	Color
Hex	549A58
RGB	84, 154, 88
RGB Percent	33%, 60%, 35%
CMY	0.6706, 0.3961, 0.6540
CMYK	0.45, 0.00, 0.43, 0.40
HSL	124°, 29%, 47%
HSV	124°, 45%, 60%
XYZ	16.9833, 25.7046, 13.3516
YIQ	125.5460, -20.5340, -35.3660

Conversions

Conversions Part 2

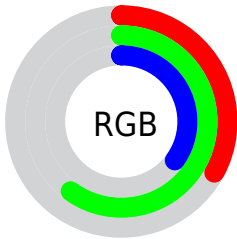
Format	Color
R _Y B	84, 150, 154
Decimal	5544536
CIE Lab	57.76, -36.29, 27.80
CIE LCh	58, 45.717, 142.545
Yxy	25.7046, 0.3031, 0.4587
Android (android.graphics.Color)	4283734616 (0xFF549A58)
YUV	125.5460, -18.5102, -36.4358
Hunter-Lab	50.6997, -28.9310, 19.8760

Details

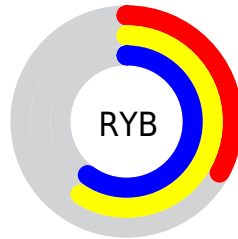
The RYB color **84, 150, 154** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **154, 84, 150**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **137, 207, 209**, and **29, 92, 102** is the 20% darker color. If you saturate the color by 10%, you get **69, 149, 154**, and if you desaturate by 10%, it is **99, 150, 154**.

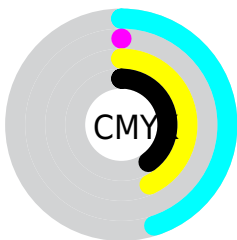
Distribution



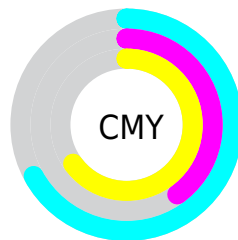
- Red (33%)
- Green (60%)
- Blue (35%)



- Red (33%)
- Yellow (59%)
- Blue (60%)



- Cyan (45%)
- Magenta (0%)
- Yellow (43%)
- Black (40%)



- Cyan (67%)
- Magenta (40%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 84, 150, 154 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 84, 150, 154 by changing the saturation by 10% instead.



84, 150, 154



84, 150, 154

255, 255, 255



57, 122, 128



137, 207, 209



29, 92, 102



165, 236, 237



0, 63, 78



193, 255, 255



0, 54, 54



221, 255, 254



0, 34, 34



250, 255, 254



0, 0, 0



84, 150, 154



84, 150, 154



69, 149, 154



99, 150, 154



53, 148, 154



115, 152, 154

■ 38, 147, 154

■ 130, 152, 154

■ 22, 146, 154

■ 146, 154, 154

■ 7, 146, 154

■ 161, 154, 161

■ 0, 145, 154

■ 176, 154, 175

■ 192, 154, 190

■ 207, 154, 204

■ 223, 154, 218

Harmonies

Analogous

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



61, 146, 75



84, 150, 154



0, 88, 158

Triad

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



84, 150, 154



15, 95, 218



213, 106, 110

Complementary

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



84, 150, 154



154, 84, 150

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, 105, 150



84, 150, 154



125, 131, 213

Square

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



84, 150, 154



0, 88, 201



178, 116, 188



199, 140, 76

Rectangle

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



84, 150, 154



0, 81, 159



178, 116, 188



214, 105, 123

Sweetspot

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



84, 150, 154



173, 199, 201



84, 154, 87



85, 101, 102



230, 230, 230



102, 102, 102

Same Dimension

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



84, 150, 154



91, 195, 201



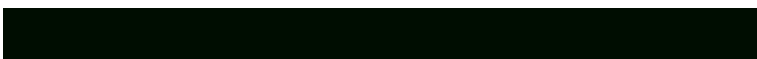
84, 129, 154



69, 77, 77



0, 132, 140



0, 12, 13

Inverse Universe

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



154, 84, 150



201, 91, 195



154, 84, 115



77, 69, 76



140, 0, 132



13, 0, 12

Previews

White Background



This preview shows how the RYB color 84, 150, 154 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 84, 150, 154 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 × Fail

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

RYB 84, 150, 154 Background



This preview shows how black text looks on a background with the RYB color 84, 150, 154.

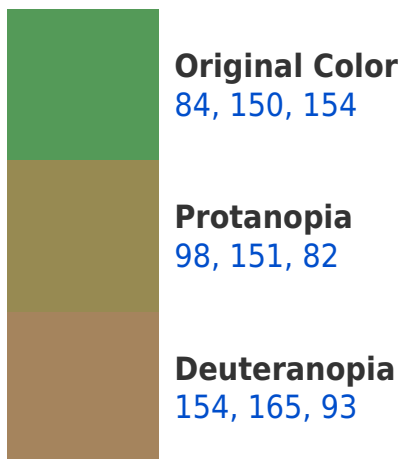


This preview shows how white text looks on a background with the RYB color 84, 150, 154.

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
99, 125, 158

Trichromacy



Original Color
84, 150, 154

Protanomaly
84, 144, 101

Deuteranomaly
91, 140, 95

Tritanomaly
94, 126, 149

Monochromacy



Original Color
84, 150, 154

Achromatopsia
126, 126, 126

Achromatomaly
111, 135, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 84, 150, 154 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(84, 154, 88)` looks like.

```
.text, #text, p{  
    color:rgb(84, 154, 88)  
}
```

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(84, 154, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 154, 88) }
```

Border

The CSS property to change the border of an element to RYB 84, 150, 154 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(84, 154, 88) }
```

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

```
.border{ border-color:rgb(84, 154, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 154, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 154, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 154, 88);  
box-shadow:4px 4px 4px 4px rgb(84, 154,  
88) }
```

Background

The CSS property to change the background color of an element to RGB 84, 154, 88 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 154, 88) }
```

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

```
.background{ background-color: rgb(84, 154,  
88) }
```

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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