

Converting Colors

`RYB(133, 154, 164)`

Have a look what the booklet for RYB(133, 154, 164) contains.

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Color

R_YB(133, 154, 164)

Conversions

Conversions Part 1

Format	Color
Hex	85A494
RGB	133, 164, 148
RGB Percent	52%, 64%, 58%
CMY	0.4784, 0.3569, 0.4205
CMYK	0.19, 0.00, 0.10, 0.36
HSL	149°, 15%, 58%
HSV	149°, 19%, 64%
XYZ	28.2748, 33.6680, 32.9266
YIQ	152.9070, -13.3400, -11.5480

Conversions

Conversions Part 2

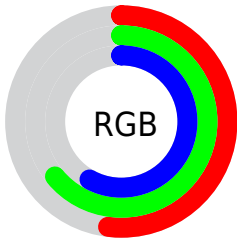
Format	Color
RYB	133, 154, 164
Decimal	8758420
CIELab	64.70, -14.06, 4.89
CIELCh	65, 14.886, 160.816
Yxy	33.6680, 0.2980, 0.3549
Android (android.graphics.Color)	4286948500 (0xFF85A494)
YUV	152.9070, -2.4192, -17.4584
Hunter-Lab	58.0242, -14.5605, 6.9720

Details

The RYB color **133, 154, 164** is a light color, and the websafe version is hex **669999**. A complement of this color would be **164, 133, 149**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **186, 208, 219**, and **83, 103, 112** is the 20% darker color. If you saturate the color by 10%, you get **117, 149, 164**, and if you desaturate by 10%, it is **149, 159, 164**.

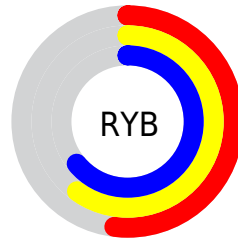
Distribution



Red (52%)

Green (64%)

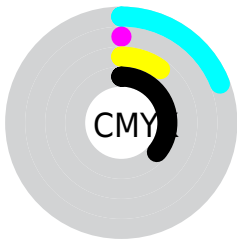
Blue (58%)



Red (52%)

Yellow (60%)

Blue (64%)

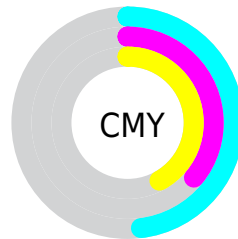


Cyan (19%)

Magenta (0%)

Yellow (10%)

Black (36%)



Cyan (48%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 133, 154, 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 133, 154, 164 by changing the saturation by 10% instead.

 133, 154, 164

255, 255, 255


 186, 208, 219

 214, 237, 248

 243, 249, 255

 133, 154, 164

 107, 128, 138

 83, 103, 112


 59, 79, 88

 37, 55, 64

 15, 32, 42

 0, 19, 23

 0, 0, 0

 133, 154, 164


 117, 149, 164


 133, 154, 164


 149, 159, 164

 100, 143, 164


 166, 164, 165

 84, 138, 164


 182, 164, 174


 67, 133, 164


 199, 164, 182


 51, 127, 164

 215, 164, 191

 35, 123, 164

 231, 164, 199

 18, 117, 164

 248, 164, 208

 2, 112, 164

 255, 164, 216

 0, 111, 164

 255, 164, 225

Harmonies

Analogous

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



137, 161, 151



133, 154, 164



124, 146, 165

Triad

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



133, 154, 164



148, 155, 183



184, 151, 140

Complementary

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



133, 154, 164



164, 133, 149

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.



185, 148, 152



133, 154, 164



165, 152, 177

Square

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



133, 154, 164



132, 150, 182



178, 149, 166



175, 173, 132

Rectangle

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



133, 154, 164



122, 144, 170



178, 149, 166



185, 150, 144

Sweetspot

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



133, 154, 164



201, 210, 214



133, 164, 147



100, 105, 107



235, 235, 235



107, 107, 107

Same Dimension

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



133, 154, 164



165, 198, 214



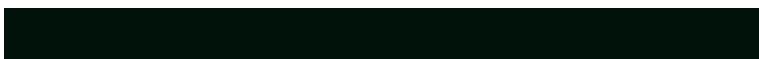
133, 149, 164



73, 79, 82



0, 98, 145



0, 12, 18

Inverse Universe

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



164, 133, 149



214, 165, 191



164, 133, 134



82, 73, 78



145, 0, 76



18, 0, 9

Previews

White Background



This preview shows how the RYB color 133, 154, 164 looks on a white background.

Color Contrast Check

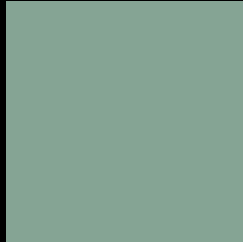
Large Text (above 18pt) WCAG AA × Fail

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 133, 154, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

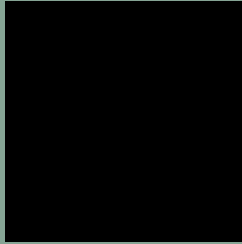
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

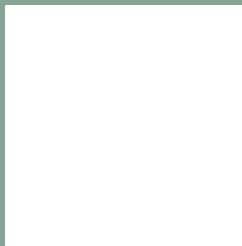
Any Text WCAG AAA ✓ Pass

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

R Y B 133, 154, 164 Background



This preview shows how black text looks on a background with the R Y B color 133, 154, 164.

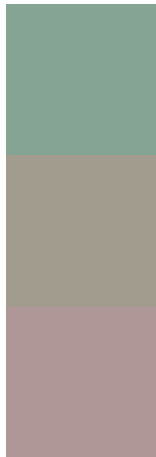


This preview shows how white text looks on a background with the R Y B color 133, 154, 164.

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](#).

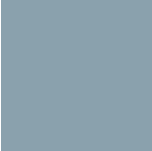
Dichromacy



Original Color
133, 154, 164

Protanopia
152, 162, 143

Deuteranopia
174, 151, 150



Tritanopia
138, 152, 173

Trichromacy



Original Color
133, 154, 164

Protanomaly
145, 159, 153

Deuteranomaly
153, 159, 149

Tritanomaly
136, 149, 164

Monochromacy



Original Color
133, 154, 164

Achromatopsia
153, 153, 153

Achromatomaly
146, 154, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 133, 154, 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(133, 164, 148)` looks like.

```
.text, #text, p{  
    color:rgb(133, 164, 148)  
}
```

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(133, 164, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 164, 148) }
```

Border

The CSS property to change the border of an element to RYB 133, 154, 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(133, 164, 148) }
```

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

```
.border{ border-color:rgb(133, 164, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 164, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 164, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 164, 148);  
box-shadow:4px 4px 4px 4px rgb(133, 164,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 133, 154, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 164, 148) }
```

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

```
.background{ background-color: rgb(133,  
164, 148) }
```

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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