

Converting Colors

`RYB(134, 144, 155)`

Have a look what the booklet for
RYB(134, 144, 155) contains.

RYB(134, 144, 155)	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(134, 144, 155)

Conversions

Conversions Part 1

Format	Color
Hex	86999B
RGB	134, 153, 155
RGB Percent	53%, 60%, 61%
CMY	0.4745, 0.3996, 0.3922
CMYK	0.14, 0.01, 0.00, 0.39
HSL	185°, 10%, 57%
HSV	185°, 14%, 61%
XYZ	27.1540, 30.2471, 35.4175
YIQ	147.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

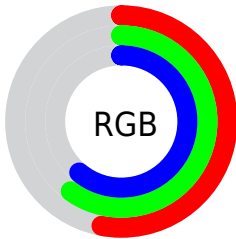
Format	Color
RYB	134, 144, 155
Decimal	8821147
CIELab	61.87, -6.33, -3.29
CIElCh	62, 7.131, 207.503
Yxy	30.2471, 0.2925, 0.3259
Android (android.graphics.Color)	4287011227 (0xFF86999B)
YUV	147.5470, 3.6743, -11.8807
Hunter-Lab	54.9974, -8.1141, 0.3163

Details

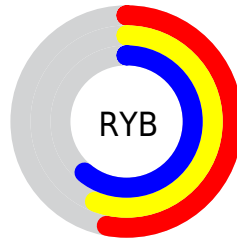
The RYB color **134, 144, 155** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **155, 136, 134**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **187, 197, 209**, and **84, 93, 104** is the 20% darker color. If you saturate the color by 10%, you get **119, 136, 155**, and if you desaturate by 10%, it is **150, 153, 155**.

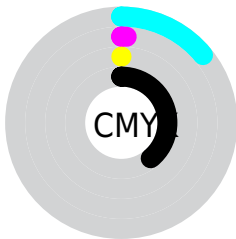
Distribution



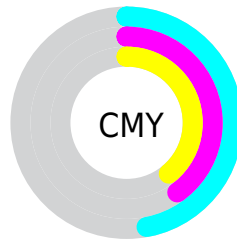
- Red (53%)
- Green (60%)
- Blue (61%)



- Red (53%)
- Yellow (56%)
- Blue (61%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (47%)
- Magenta (40%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the RYB color 134, 144, 155 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 134, 144, 155 by changing the saturation by 10% instead.


 134, 144, 155


255, 255, 255

 187, 197, 209


 215, 226, 238

 244, 250, 255

 134, 144, 155

 109, 118, 129

 84, 93, 104

 61, 70, 80

 38, 47, 57


 17, 26, 36


 0, 6, 14

 0, 0, 0

 134, 144, 155

 119, 136, 155

 134, 144, 155

 150, 153, 155

■ 103, 128, 155

■ 165, 156, 155

■ 88, 120, 155

■ 180, 157, 155

■ 72, 111, 155

■ 196, 159, 155

■ 57, 104, 155

■ 212, 160, 155

■ 41, 95, 155

■ 227, 163, 155

■ 26, 87, 155

■ 242, 164, 155

■ 10, 79, 155

■ 255, 165, 155

■ 0, 74, 155

■ 255, 167, 155

Harmonies

Analogous

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



136, 146, 153



134, 144, 155



136, 146, 160

Triad

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



134, 144, 155



157, 146, 156



146, 155, 137

Complementary

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



134, 144, 155



155, 136, 134

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.



161, 152, 139



134, 144, 155



162, 145, 150

Square

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



134, 144, 155



150, 148, 161



163, 146, 144



138, 151, 141

Rectangle

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



134, 144, 155



140, 147, 162



163, 146, 144



156, 158, 137

Sweetspot

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



134, 144, 155



193, 197, 201



134, 153, 155



97, 100, 102



230, 230, 230



102, 102, 102

Same Dimension

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



134, 144, 155



169, 184, 201



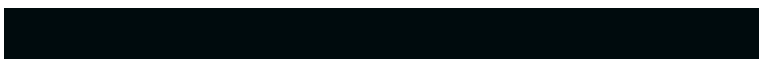
134, 140, 155



69, 73, 77



0, 67, 140



0, 6, 13

Inverse Universe

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



155, 134, 153



201, 169, 199



150, 155, 134



77, 69, 76



140, 0, 128



13, 0, 12

Previews

White Background



This preview shows how the RYB color 134, 144, 155 looks on a white background.

Color Contrast Check

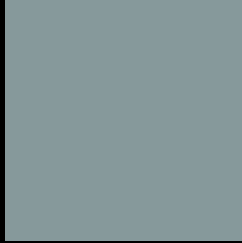
Large Text (above 18pt) WCAG AA × Fail

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 134, 144, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

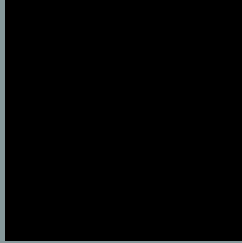
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

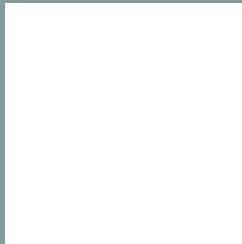
Any Text WCAG AAA ✓ Pass

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

RYB 134, 144, 155 Background



This preview shows how black text looks on a background with the RYB color 134, 144, 155.



This preview shows how white text looks on a background with the RYB color 134, 144, 155.

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
136, 146, 164

Trichromacy



Original Color

134, 144, 155

Protanomaly

145, 148, 153

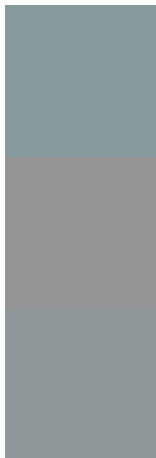
Deuteranomaly

151, 148, 156

Tritanomaly

135, 145, 161

Monochromacy



Original Color

134, 144, 155

Achromatopsia

148, 148, 148

Achromatomaly

143, 147, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 144, 155 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(134, 153, 155)` looks like.

```
.text, #text, p{  
    color:rgb(134, 153, 155)  
}
```

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(134, 153, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 153, 155) }
```

Border

The CSS property to change the border of an element to RYB 134, 144, 155 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(134, 153, 155) }
```

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

```
.border{ border-color:rgb(134, 153, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 153, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 153, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 153, 155);  
box-shadow:4px 4px 4px 4px rgb(134, 153,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 134, 144, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 153, 155) }
```

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

```
.background{ background-color: rgb(134,  
153, 155) }
```

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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