

Converting Colors

`RYB(134, 175, 149)`

Have a look what the booklet for
RYB(134, 175, 149) contains.

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Color

R_YB(134, 175, 149)

Conversions

Conversions Part 1

Format	Color
Hex	A0AF86
RGB	160, 175, 134
RGB Percent	63%, 69%, 53%
CMY	0.3725, 0.3137, 0.4745
CMYK	0.09, 0.00, 0.23, 0.31
HSL	82°, 20%, 61%
HSV	82°, 23%, 69%
XYZ	34.1303, 39.8548, 28.4481
YIQ	165.8410, 4.2210, -15.9310

Conversions

Conversions Part 2

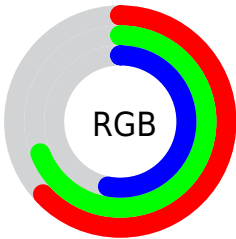
Format	Color
RYB	134, 175, 149
Decimal	10530694
CIELab	69.37, -12.57, 19.32
CIELCh	69, 23.052, 123.038
Yxy	39.8548, 0.3332, 0.3891
Android (android.graphics.Color)	4288720774 (0xFFA0AF86)
YUV	165.8410, -15.6976, -5.1226
Hunter-Lab	63.1306, -13.9763, 17.4740

Details

The RYB color **134, 175, 149** is a light color, and the websafe version is hex **999966**. A complement of this color would be **149, 134, 175**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **187, 231, 203**, and **84, 123, 99** is the 20% darker color. If you saturate the color by 10%, you get **117, 175, 138**, and if you desaturate by 10%, it is **152, 175, 161**.

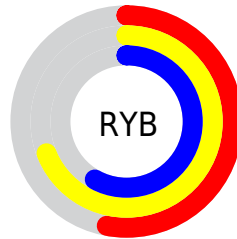
Distribution



Red (63%)

Green (69%)

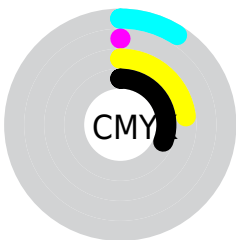
Blue (53%)



Red (53%)

Yellow (69%)

Blue (58%)

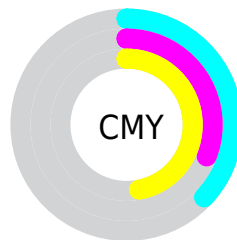


Cyan (9%)

Magenta (0%)

Yellow (23%)

Black (31%)



Cyan (37%)

Magenta (31%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 175, 149 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, 175, 149 by changing the saturation by 10% instead.

 134, 175, 149

255, 255, 255


 187, 231, 203


 215, 255, 226

 244, 255, 244

 134, 175, 149

 109, 148, 123

 84, 123, 99

 61, 98, 75


 38, 74, 52

 17, 51, 30


 0, 30, 12

 0, 0, 0

 134, 175, 149

 117, 175, 138

 134, 175, 149

 152, 175, 161

■ 99, 175, 127

■ 169, 175, 171

■ 82, 175, 116

■ 179, 175, 187

■ 64, 175, 105

■ 186, 175, 204

■ 47, 175, 94

■ 192, 175, 222

■ 29, 175, 82

■ 198, 175, 239

■ 12, 175, 72

■ 205, 175, 255

■ 0, 175, 64

■ 211, 175, 255

■ 218, 175, 255

Harmonies

Analogous

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



147, 183, 128



134, 175, 149



136, 168, 179

Triad

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



134, 175, 149



122, 155, 206



211, 154, 168

Complementary

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



134, 175, 149



149, 134, 175

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.



198, 157, 189



134, 175, 149



147, 164, 211

Square

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



134, 175, 149



110, 148, 191



176, 163, 204



211, 157, 148

Rectangle

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



134, 175, 149



122, 156, 181



176, 163, 204



208, 155, 175

Sweetspot

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



134, 175, 149



211, 227, 217



175, 155, 134



106, 115, 110



242, 242, 242



115, 115, 115

Same Dimension

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



134, 175, 149



163, 227, 186



134, 175, 169



78, 87, 81



0, 150, 55



0, 23, 8

Inverse Universe

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



149, 134, 175



187, 163, 227



169, 134, 175



81, 78, 87



55, 0, 150



8, 0, 23

Previews

White Background



This preview shows how the RYB color 134, 175, 149 looks on a white background.

Color Contrast Check

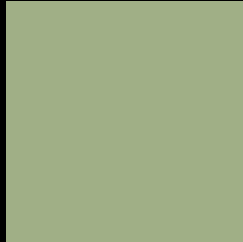
Large Text (above 18pt) WCAG AA × Fail

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, 175, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

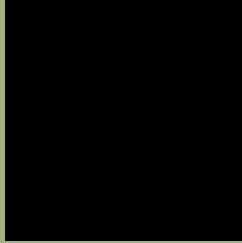
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

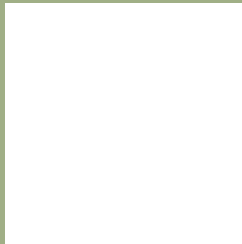
Any Text WCAG AAA ✓ Pass

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

RYB 134, 175, 149 Background



This preview shows how black text looks on a background with the RYB color 134, 175, 149.



This preview shows how white text looks on a background with the RYB color 134, 175, 149.

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
167, 169, 182

Trichromacy



Original Color
134, 175, 149

Protanomaly
134, 173, 132

Deuteranomaly
162, 184, 136

Tritanomaly
164, 170, 171

Monochromacy



Original Color
134, 175, 149

Achromatopsia
166, 166, 166

Achromatomaly
154, 169, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 175, 149 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(160, 175, 134) looks like.

```
.text, #text, p{  
    color:rgb(160, 175, 134)  
}
```

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(160, 175, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 175, 134) }
```

Border

The CSS property to change the border of an element to RYB 134, 175, 149 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(160, 175, 134) }
```

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

```
.border{ border-color:rgb(160, 175, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 175, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 175, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 175, 134);  
box-shadow:4px 4px 4px 4px rgb(160, 175,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 134, 175, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 175, 134) }
```

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

```
.background{ background-color: rgb(160,  
175, 134) }
```

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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