

Converting Colors

`RYB(131, 174, 114)`

Have a look what the booklet for
RYB(131, 174, 114) contains.

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Color

R_YB(131, 174, 114)

Conversions

Conversions Part 1

Format	Color
Hex	AEA172
RGB	174, 161, 114
RGB Percent	68%, 63%, 45%
CMY	0.3176, 0.3696, 0.5529
CMYK	0.00, 0.08, 0.34, 0.32
HSL	47°, 27%, 56%
HSV	47°, 34%, 68%
XYZ	33.1946, 35.6172, 21.0448
YIQ	159.5290, 22.8350, -11.8610

Conversions

Conversions Part 2

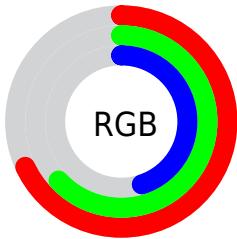
Format	Color
RYB	131, 174, 114
Decimal	11444594
CIELab	66.23, -2.31, 26.13
CIElCh	66, 26.236, 95.058
Yxy	35.6172, 0.3694, 0.3964
Android (android.graphics.Color)	4289634674 (0xFFFAEA172)
YUV	159.5290, -22.4458, 12.6911
Hunter-Lab	59.6801, -5.1569, 20.8688

Details

The RYB color **131, 174, 114** is a light color, and the websafe version is hex **999966**. A complement of this color would be **114, 125, 174**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **184, 230, 166**, and **79, 121, 65** is the 20% darker color. If you saturate the color by 10%, you get **119, 174, 97**, and if you desaturate by 10%, it is **142, 174, 131**.

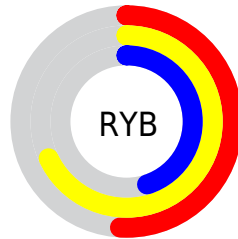
Distribution



Red (68%)

Green (63%)

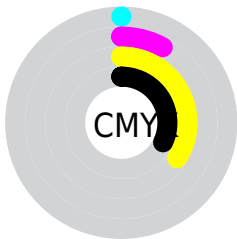
Blue (45%)



Red (51%)

Yellow (68%)

Blue (45%)

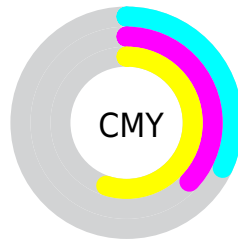


Cyan (0%)

Magenta (8%)

Yellow (34%)

Black (32%)



Cyan (32%)


Magenta (37%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 174, 114 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 131, 174, 114 by changing the saturation by 10% instead.

 131, 174, 114


255, 255, 255

 186, 230, 166


 207, 255, 194


 222, 255, 222

 250, 255, 250

 131, 174, 114


 104, 147, 89

 80, 121, 65

 54, 95, 42

 30, 70, 20


 10, 48, 0


 3, 23, 0

 0, 0, 0

 131, 174, 114

 119, 174, 97

 131, 174, 114

 142, 174, 131

■ 106, 174, 79

■ 157, 174, 149

■ 94, 174, 62

■ 169, 174, 166

■ 81, 174, 44

■ 174, 176, 184

■ 68, 174, 27

■ 174, 179, 201

■ 56, 174, 10

■ 174, 182, 218

■ 49, 174, 0

■ 174, 185, 236

■ 174, 188, 253

■ 174, 191, 255

Harmonies

Analogous

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



195, 181, 119



131, 174, 114



122, 168, 142

Triad

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



131, 174, 114



89, 134, 187



195, 147, 181

Complementary

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



131, 174, 114



114, 125, 174

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.



170, 154, 200



131, 174, 114



105, 144, 203

Square

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



131, 174, 114



98, 139, 174



137, 155, 208



207, 144, 158

Rectangle

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



131, 174, 114



130, 168, 171



137, 155, 208



188, 149, 188

Sweetspot

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



131, 174, 114



210, 227, 204



174, 114, 128



105, 115, 101



242, 242, 242



115, 115, 115

Same Dimension

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



131, 174, 114



161, 227, 134



114, 174, 130



81, 87, 78



42, 150, 0



6, 23, 0

Inverse Universe

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



114, 125, 174



134, 150, 227



130, 114, 174



78, 80, 87



0, 27, 150



0, 4, 23

Previews

White Background



This preview shows how the RYB color 131, 174, 114 looks on a white background.

Color Contrast Check

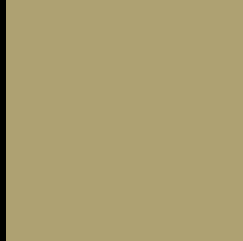
Large Text (above 18pt) WCAG AA × Fail

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 131, 174, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

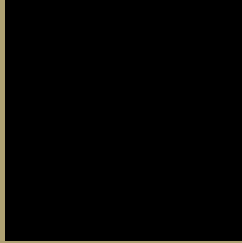
Any Text WCAG AA ✓ Pass

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 131, 174, 114 Background



This preview shows how black text looks on a background with the RYB color 131, 174, 114.



This preview shows how white text looks on a background with the RYB color 131, 174, 114.

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
131, 174, 114

Protanopia
131, 174, 114

Deuteranopia
187, 191, 115



Tritanopia
180, 154, 166

Trichromacy



Original Color
131, 174, 114

Protanomaly
131, 174, 114

Deuteranomaly
165, 185, 115

Tritanomaly
178, 160, 147

Monochromacy



Original Color
131, 174, 114

Achromatopsia
159, 159, 159

Achromatomaly
148, 164, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 174, 114 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(174, 161, 114) looks like.

```
.text, #text, p{  
    color:rgb(174, 161, 114)  
}
```

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(174, 161, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 161, 114) }
```

Border

The CSS property to change the border of an element to RYB 131, 174, 114 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(174, 161, 114) }
```

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

```
.border{ border-color:rgb(174, 161, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 161, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 161, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 161, 114);  
box-shadow:4px 4px 4px 4px rgb(174, 161,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 131, 174, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 161, 114) }
```

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

```
.background{ background-color: rgb(174,  
161, 114) }
```

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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