

Converting Colors

`RYB(139, 181, 114)`

Have a look what the booklet for
RYB(139, 181, 114) contains.

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Color

R_YB(139, 181, 114)

Conversions

Conversions Part 1

Format	Color
Hex	B5A372
RGB	181, 163, 114
RGB Percent	71%, 64%, 45%
CMY	0.2902, 0.3616, 0.5529
CMYK	0.00, 0.10, 0.37, 0.29
HSL	44°, 31%, 58%
HSV	44°, 37%, 71%
XYZ	35.1539, 37.1598, 21.2393
YIQ	162.7960, 26.4570, -11.4230

Conversions

Conversions Part 2

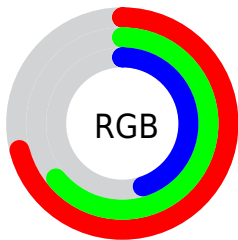
Format	Color
RYB	139, 181, 114
Decimal	11903858
CIELab	67.40, -0.56, 27.80
CIElCh	67, 27.802, 91.158
Yxy	37.1598, 0.3758, 0.3972
Android (android.graphics.Color)	4290093938 (0xFFB5A372)
YUV	162.7960, -24.0564, 15.9649
Hunter-Lab	60.9588, -3.7401, 22.0133

Details

The RYB color **139, 181, 114** is a light color, and the websafe version is hex **999966**. A complement of this color would be **114, 128, 181**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **194, 238, 166**, and **87, 127, 65** is the 20% darker color. If you saturate the color by 10%, you get **128, 181, 96**, and if you desaturate by 10%, it is **150, 181, 132**.

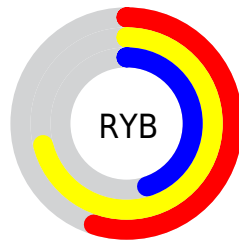
Distribution



Red (71%)

Green (64%)

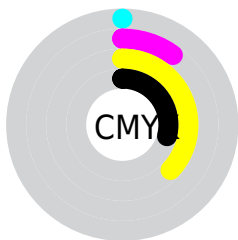
Blue (45%)



Red (55%)

Yellow (71%)

Blue (45%)

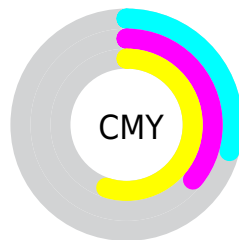


Cyan (0%)

Magenta (10%)

Yellow (37%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 181, 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 139, 181, 114 by changing the saturation by 10% instead.

 139, 181, 114

255, 255, 255

 194, 238, 166

 205, 255, 194


 222, 255, 222

 250, 255, 250

 139, 181, 114

 112, 154, 89

 87, 127, 65

 60, 101, 42


 35, 76, 20

 14, 53, 0

 9, 29, 0

 0, 0, 0

 139, 181, 114

 128, 181, 96

 139, 181, 114

 150, 181, 132

■ 116, 181, 78

■ 161, 181, 150

■ 105, 181, 60

■ 172, 181, 168

■ 94, 181, 42

■ 181, 182, 186

■ 82, 181, 23

■ 181, 186, 205

■ 71, 181, 5

■ 181, 190, 223

■ 67, 181, 0

■ 181, 194, 241

■ 181, 197, 255

■ 181, 200, 255

Harmonies

Analogous

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



202, 177, 121



139, 181, 114



121, 170, 137

Triad

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



139, 181, 114



86, 134, 189



197, 149, 189

Complementary

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



139, 181, 114



114, 128, 181

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.



169, 157, 207



139, 181, 114



100, 143, 207

Square

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



139, 181, 114



99, 142, 178



133, 156, 214



212, 146, 164

Rectangle

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



139, 181, 114



132, 174, 171



133, 156, 214



189, 152, 196

Sweetspot

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



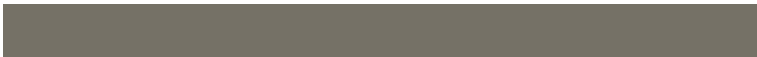
139, 181, 114



219, 235, 209



181, 114, 133



107, 117, 102



245, 245, 245



117, 117, 117

Same Dimension

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



139, 181, 114



169, 235, 131



114, 181, 129



83, 89, 80



58, 153, 0



10, 26, 0

Inverse Universe

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



114, 128, 181



131, 153, 235



129, 114, 181



80, 82, 89



0, 33, 153



0, 6, 26

Previews

White Background



This preview shows how the RYB color 139, 181, 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 139, 181, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

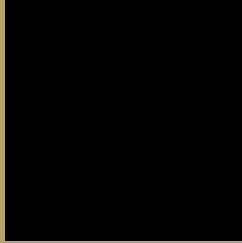
Any Text WCAG AA ✓ Pass

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](#).

RYB 139, 181, 114 Background



This preview shows how black text looks on a background with the RYB color 139, 181, 114.



This preview shows how white text looks on a background with the RYB color 139, 181, 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
139, 181, 114

Protanopia
131, 177, 115

Deuteranopia
190, 196, 115



Tritanopia
187, 156, 168

Trichromacy



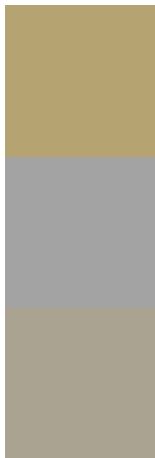
Original Color
139, 181, 114

Protanomaly
133, 178, 115

Deuteranomaly
170, 191, 115

Tritanomaly
185, 162, 148

Monochromacy



Original Color
139, 181, 114

Achromatopsia
163, 163, 163

Achromatomaly
155, 170, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 181, 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(181, 163, 114)` looks like.

```
.text, #text, p{  
    color:rgb(181, 163, 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(181, 163, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 163, 114) }
```

Border

The CSS property to change the border of an element to RYB 139, 181, 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(181, 163, 114) }
```

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

```
.border{ border-color:rgb(181, 163, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 163, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 163, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 163, 114);  
box-shadow:4px 4px 4px 4px rgb(181, 163,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 139, 181, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 163, 114) }
```

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

```
.background{ background-color: rgb(181,  
163, 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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