

Converting Colors

`RYB(146, 155, 114)`

Have a look what the booklet for
RYB(146, 155, 114) contains.

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Color

R_YB(146, 155, 114)

Conversions

Conversions Part 1

Format	Color
Hex	9B8972
RGB	155, 137, 114
RGB Percent	61%, 54%, 45%
CMY	0.3922, 0.4626, 0.5529
CMYK	0.00, 0.12, 0.26, 0.39
HSL	34°, 17%, 53%
HSV	34°, 26%, 61%
XYZ	25.5044, 26.0826, 19.6098
YIQ	139.7600, 18.1110, -3.3370

Conversions

Conversions Part 2

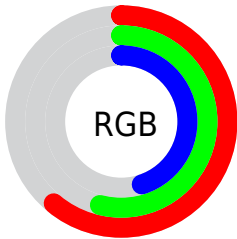
Format	Color
RYB	146, 155, 114
Decimal	10193266
CIELab	58.12, 3.04, 14.84
CIELCh	58, 15.147, 78.435
Yxy	26.0826, 0.3582, 0.3663
Android (android.graphics.Color)	4288383346 (0xFF9B8972)
YUV	139.7600, -12.6997, 13.3655
Hunter-Lab	51.0711, -0.2334, 12.9842

Details

The RYB color **146, 155, 114** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **114, 127, 155**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **203, 210, 166**, and **94, 103, 66** is the 20% darker color. If you saturate the color by 10%, you get **144, 155, 99**, and if you desaturate by 10%, it is **150, 155, 130**.

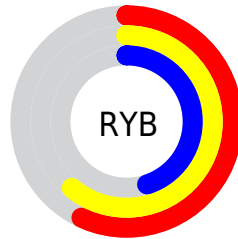
Distribution



Red (61%)

Green (54%)

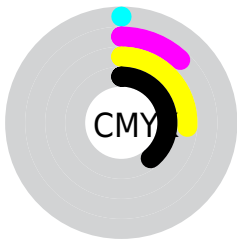
Blue (45%)



Red (57%)

Yellow (61%)

Blue (45%)

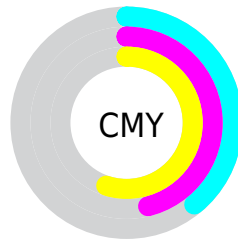


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (39%)



Cyan (39%)

Magenta (46%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 155, 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 146, 155, 114 by changing the saturation by 10% instead.

 146, 155, 114

255, 255, 255


 203, 210, 166


 229, 238, 193

 231, 255, 221

 250, 255, 250


 146, 155, 114

 144, 155, 99


 141, 155, 83

 146, 155, 114

 119, 129, 89

 94, 103, 66

 70, 79, 44

 45, 55, 23

 19, 34, 0

 0, 0, 0

 146, 155, 114

 150, 155, 130

 152, 155, 145

■ 135, 155, 68

■ 155, 157, 161

■ 132, 155, 52

■ 155, 161, 176

■ 130, 155, 37

■ 155, 166, 192

■ 126, 155, 21

■ 155, 171, 207

■ 124, 155, 6

■ 155, 176, 223

■ 121, 155, 0

■ 155, 180, 238

■ 155, 185, 254

Harmonies

Analogous

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



164, 138, 120



146, 155, 114



115, 141, 115

Triad

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



146, 155, 114



105, 126, 148



152, 134, 157

Complementary

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



146, 155, 114



114, 127, 155

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.



135, 138, 165



146, 155, 114



107, 129, 159

Square

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



146, 155, 114



113, 134, 147



119, 134, 165



163, 131, 145

Rectangle

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



146, 155, 114



119, 144, 132



119, 134, 165



147, 135, 160

Sweetspot

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



146, 155, 114



197, 201, 185



155, 114, 132



99, 102, 92



230, 230, 230



102, 102, 102

Same Dimension

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



146, 155, 114



187, 201, 137



114, 155, 116



77, 77, 69



108, 140, 0



11, 13, 0

Inverse Universe

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



114, 127, 155



137, 156, 201



116, 114, 155



69, 71, 77



0, 42, 140



0, 4, 13

Previews

White Background



This preview shows how the RYB color 146, 155, 114 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 146, 155, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

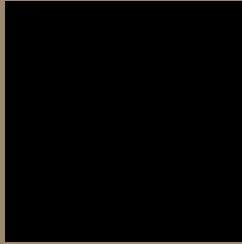
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 146, 155, 114 Background



This preview shows how black text looks on a background with the RYB color 146, 155, 114.



This preview shows how white text looks on a background with the RYB color 146, 155, 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

146, 155, 114

Protanopia

127, 148, 115

Deuteranopia

162, 147, 115



Tritanopia
158, 133, 143

Trichromacy



Original Color
146, 155, 114

Protanomaly
135, 151, 115

Deuteranomaly
159, 152, 115

Tritanomaly
157, 134, 132

Monochromacy



Original Color
146, 155, 114

Achromatopsia
140, 140, 140

Achromatomaly
142, 145, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 155, 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(155, 137, 114) looks like.

```
.text, #text, p{  
    color:rgb(155, 137, 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(155, 137, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 137, 114) }
```

Border

The CSS property to change the border of an element to RYB 146, 155, 114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

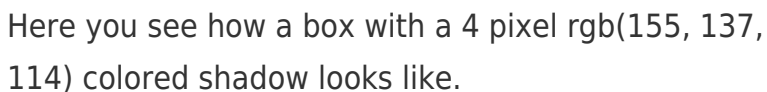
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 137, 114) }
```

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

```
.border{ border-color:rgb(155, 137, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 137, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 137, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 137, 114);  
box-shadow:4px 4px 4px 4px rgb(155, 137,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 146, 155, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 137, 114) }
```

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

```
.background{ background-color: rgb(155,  
137, 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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