

Converting Colors

`RYB(115, 154, 114)`

Have a look what the booklet for
RYB(115, 154, 114) contains.

RYB(115, 154, 114)	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(115, 154, 114)

Conversions

Conversions Part 1

Format	Color
Hex	9A9972
RGB	154, 153, 114
RGB Percent	60%, 60%, 45%
CMY	0.3961, 0.3999, 0.5529
CMYK	0.00, 0.01, 0.26, 0.40
HSL	59°, 17%, 53%
HSV	59°, 26%, 60%
XYZ	27.7589, 30.8754, 20.4161
YIQ	148.8530, 13.1150, -11.9170

Conversions

Conversions Part 2

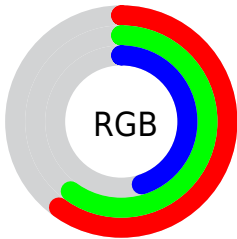
Format	Color
RYB	115, 154, 114
Decimal	10131826
CIELab	62.40, -6.21, 20.70
CIELCh	62, 21.614, 106.686
Yxy	30.8754, 0.3512, 0.3906
Android (android.graphics.Color)	4288321906 (0xFF9A9972)
YUV	148.8530, -17.1825, 4.5139
Hunter-Lab	55.5656, -8.0666, 17.1114

Details

The RYB color **115, 154, 114** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **114, 115, 154**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **168, 209, 166**, and **66, 102, 66** is the 20% darker color. If you saturate the color by 10%, you get **100, 154, 99**, and if you desaturate by 10%, it is **130, 154, 129**.

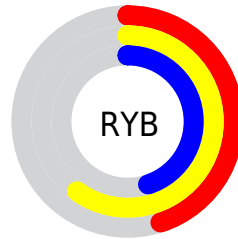
Distribution



Red (60%)

Green (60%)

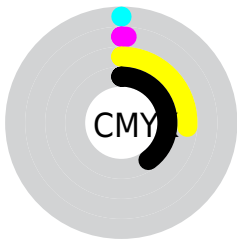
Blue (45%)



Red (45%)

Yellow (60%)

Blue (45%)

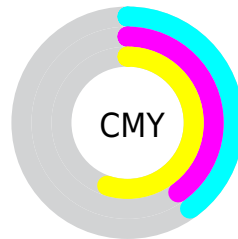


Cyan (0%)

Magenta (1%)

Yellow (26%)

Black (40%)



Cyan (40%)


Magenta (40%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 154, 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 115, 154, 114 by changing the saturation by 10% instead.

 115, 154, 114

255, 255, 255


 168, 209, 166

 195, 237, 193


 221, 255, 221

 250, 255, 250


 115, 154, 114

 100, 154, 99

 115, 154, 114


 90, 128, 89

 66, 102, 66

 43, 78, 43


 22, 55, 23

 0, 34, 0

 0, 13, 13

 0, 0, 0

 115, 154, 114

 130, 154, 129

■ 85, 154, 83

■ 145, 154, 145

■ 70, 154, 68

■ 154, 154, 160

■ 54, 154, 52

■ 154, 155, 176

■ 40, 154, 37

■ 154, 155, 191

■ 25, 154, 22

■ 154, 155, 206

■ 10, 154, 6

■ 154, 156, 222

■ 4, 154, 0

■ 154, 156, 237

■ 154, 156, 253

Harmonies

Analogous

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



160, 173, 114



115, 154, 114



124, 158, 150

Triad

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



115, 154, 114



98, 133, 178



184, 138, 160

Complementary

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



115, 154, 114



114, 115, 154

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.



167, 142, 177



115, 154, 114



117, 142, 188

Square

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



115, 154, 114



97, 130, 162



143, 148, 187



190, 137, 141

Rectangle

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



115, 154, 114



118, 148, 160



143, 148, 187



179, 139, 166

Sweetspot

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



115, 154, 114



185, 201, 185



154, 114, 115



92, 102, 92



230, 230, 230



102, 102, 102

Same Dimension

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



115, 154, 114



140, 201, 139



114, 154, 133



70, 77, 69



3, 140, 0



1, 13, 0

Inverse Universe

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



114, 115, 154



139, 141, 201



133, 114, 154



69, 69, 77



0, 3, 140



0, 0, 13

Previews

White Background



This preview shows how the RYB color 115, 154, 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 115, 154, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

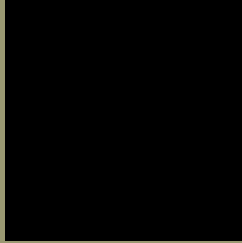
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

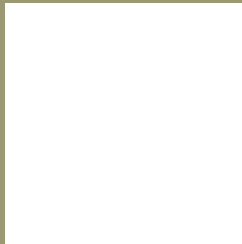
Any Text WCAG AAA ✓ Pass

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

RYB 115, 154, 114 Background



This preview shows how black text looks on a background with the RYB color 115, 154, 114.



This preview shows how white text looks on a background with the RYB color 115, 154, 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

115, 154, 114

Protanopia

127, 162, 113

Deuteranopia

177, 171, 116



Tritanopia
160, 147, 159

Trichromacy



Original Color

115, 154, 114

Protanomaly

121, 159, 113

Deuteranomaly

149, 169, 115

Tritanomaly

158, 153, 143

Monochromacy



Original Color

115, 154, 114

Achromatopsia

149, 149, 149

Achromatomaly

137, 151, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 154, 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(154, 153, 114) looks like.

```
.text, #text, p{  
    color:rgb(154, 153, 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(154, 153, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 153, 114) }
```

Border

The CSS property to change the border of an element to RYB 115, 154, 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(154, 153, 114) }
```

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

```
.border{ border-color:rgb(154, 153, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 153, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 153, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 153, 114);  
box-shadow:4px 4px 4px 4px rgb(154, 153,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 115, 154, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 153, 114) }
```

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

```
.background{ background-color: rgb(154,  
153, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor