

Converting Colors

`RYB(145, 94, 107)`

Have a look what the booklet for
RYB(145, 94, 107) contains.

RYB(145, 94, 107)	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(145, 94, 107)

Conversions

Conversions Part 1

Format	Color
Hex	915E6B
RGB	145, 94, 107
RGB Percent	57%, 37%, 42%
CMY	0.4314, 0.6314, 0.5804
CMYK	0.00, 0.35, 0.26, 0.43
HSL	345°, 21%, 47%
HSV	345°, 35%, 57%
XYZ	18.3336, 15.0867, 15.8557
YIQ	110.7310, 26.2230, 14.8550

Conversions

Conversions Part 2

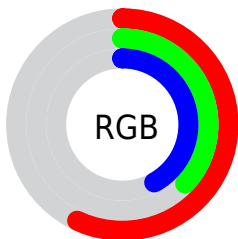
Format	Color
R_{YB}	145, 94, 107
Decimal	9526891
CIE _{Lab}	45.75, 22.72, 1.25
CIE _{LCh}	46, 22.754, 3.146
Yxy	15.0867, 0.3721, 0.3062
Android (android.graphics.Color)	4287716971 (0xFF915E6B)
YUV	110.7310, -1.8394, 30.0539
Hunter-Lab	38.8416, 16.2809, 2.9861

Details

The RYB color **145, 94, 107** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **94, 123, 145**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **200, 145, 158**, and **93, 47, 60** is the 20% darker color. If you saturate the color by 10%, you get **145, 80, 96**, and if you desaturate by 10%, it is **145, 109, 118**.

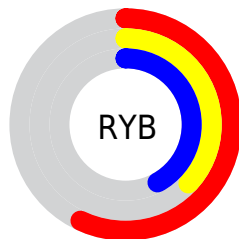
Distribution



Red (57%)

Green (37%)

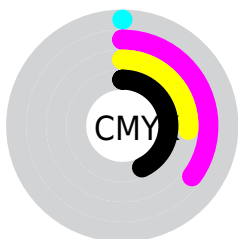
Blue (42%)



Red (57%)

Yellow (37%)

Blue (42%)

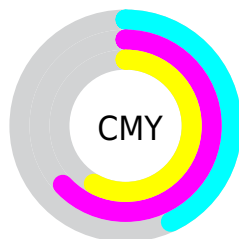


Cyan (0%)

Magenta (35%)

Yellow (26%)

Black (43%)



Cyan (43%)

Magenta (63%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 94, 107 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 145, 94, 107 by changing the saturation by 10% instead.



145, 94, 107



145, 94, 107

255, 255, 255



119, 70, 83



200, 145, 158



93, 47, 60



228, 172, 185



68, 24, 38



255, 199, 213



45, 2, 17



255, 227, 241



11, 0, 0



0, 0, 0



145, 94, 107



145, 94, 107



145, 80, 96



145, 109, 118



145, 65, 85



145, 123, 129

145, 51, 75

145, 138, 139

145, 36, 64

145, 149, 152

145, 22, 53

145, 158, 167

145, 7, 42

145, 166, 181

145, 0, 37

145, 174, 196

145, 182, 210

145, 191, 225

Harmonies

Analogous

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



134, 97, 126



145, 94, 107



145, 97, 88

Triad

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



145, 94, 107



76, 113, 90



58, 92, 142

Complementary

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



145, 94, 107



94, 123, 145

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.



45, 84, 128



145, 94, 107



77, 107, 117

Square

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



145, 94, 107



86, 120, 70



55, 89, 119



86, 103, 146

Rectangle

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



145, 94, 107



140, 109, 79



55, 89, 119



51, 88, 138

Sweetspot

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



145, 94, 107



189, 168, 173



131, 94, 145



94, 82, 85



222, 222, 222



94, 94, 94

Same Dimension

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



145, 94, 107



189, 109, 130



145, 110, 94



71, 64, 66



135, 0, 34



8, 0, 2

Inverse Universe

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



145, 94, 107



189, 109, 130



94, 116, 145



71, 64, 66



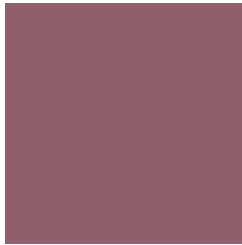
135, 0, 34



8, 0, 2

Previews

White Background



This preview shows how the RYB color 145, 94, 107 looks on a white 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

Black Background



This preview shows how the RYB color 145, 94, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

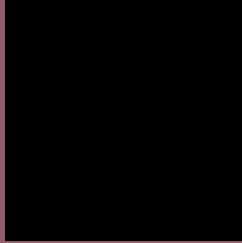
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 145, 94, 107 Background



This preview shows how black text looks on a background with the RYB color 145, 94, 107.



This preview shows how white text looks on a background with the RYB color 145, 94, 107.

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
145, 94, 107

Protanopia
109, 108, 115

Deuteranopia
121, 105, 105



Tritanopia
144, 95, 102

Trichromacy



Original Color

145, 94, 107

Protanomaly

122, 103, 112

Deuteranomaly

130, 101, 106

Tritanomaly

144, 95, 104

Monochromacy



Original Color

145, 94, 107

Achromatopsia

111, 111, 111

Achromatomaly

123, 105, 110

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 94, 107 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(145, 94, 107) looks like.

```
.text, #text, p{  
    color:rgb(145, 94, 107)  
}
```

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(145, 94, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 94, 107) }
```

Border

The CSS property to change the border of an element to RYB 145, 94, 107 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(145, 94, 107) }
```

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

```
.border{ border-color:rgb(145, 94, 107) }
```

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

Here you see how a box with a 4 pixel rgb(145, 94, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 94, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 94, 107);  
box-shadow:4px 4px 4px 4px rgb(145, 94,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 145, 94, 107 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 94, 107) }
```

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

```
.background{ background-color: rgb(145, 94,  
107) }
```

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