

Converting Colors

`RYB(173, 114, 125)`

Have a look what the booklet for
RYB(173, 114, 125) contains.

RYB(173, 114, 125)	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

`RYB(173, 114, 125)`

Conversions

Conversions Part 1

Format	Color
Hex	AD727D
RGB	173, 114, 125
RGB Percent	68%, 45%, 49%
CMY	0.3216, 0.5529, 0.5098
CMYK	0.00, 0.34, 0.28, 0.32
HSL	349°, 26%, 56%
HSV	349°, 34%, 68%
XYZ	26.9526, 22.3995, 22.3050
YIQ	132.8950, 31.6330, 15.9290

Conversions

Conversions Part 2

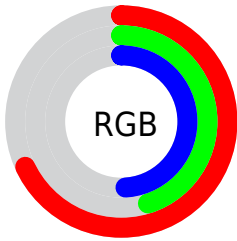
Format	Color
R_{YB}	173, 114, 125
Decimal	11367037
CIE Lab	54.45, 24.83, 3.56
CIE LCh	54, 25.089, 8.166
Yxy	22.3995, 0.3761, 0.3126
Android (android.graphics.Color)	4289557117 (0xFFAD727D)
YUV	132.8950, -3.8922, 35.1721
Hunter-Lab	47.3281, 18.8284, 5.1872

Details

The RYB color **173, 114, 125** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **114, 147, 173**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **230, 166, 178**, and **119, 65, 76** is the 20% darker color. If you saturate the color by 10%, you get **173, 97, 111**, and if you desaturate by 10%, it is **173, 131, 139**.

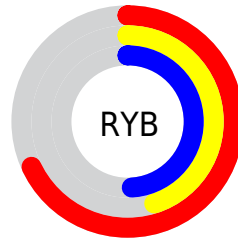
Distribution



Red (68%)

Green (45%)

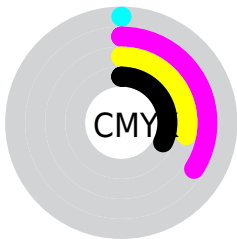
Blue (49%)



Red (68%)

Yellow (45%)

Blue (49%)

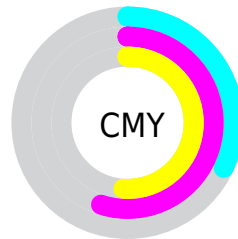


Cyan (0%)

Magenta (34%)

Yellow (28%)

Black (32%)



Cyan (32%)

Magenta (55%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the RYB color 173, 114, 125 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 173, 114, 125 by changing the saturation by 10% instead.

 173, 114, 125


255, 255, 255

 230, 166, 178


 255, 194, 205

 255, 222, 233

 255, 251, 255

 173, 114, 125

 146, 89, 100

 119, 65, 76

 93, 42, 54

 68, 19, 32


 45, 0, 9


 2, 0, 0

 0, 0, 0

 173, 114, 125

 173, 97, 111

 173, 114, 125

 173, 131, 139

173, 79, 97

173, 149, 153

173, 62, 83

173, 166, 167

173, 45, 69

173, 179, 183

173, 28, 55

173, 189, 201

173, 10, 41

173, 198, 218

173, 0, 32

173, 207, 235

173, 216, 252

173, 215, 255

Harmonies

Analogous

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



163, 116, 147



173, 114, 125



171, 120, 104

Triad

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



173, 114, 125



96, 137, 117



79, 114, 170

Complementary

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



173, 114, 125



114, 147, 173

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.



60, 104, 156



173, 114, 125



90, 125, 141

Square

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



173, 114, 125



98, 140, 87



68, 107, 142



111, 126, 173

Rectangle

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



173, 114, 125



164, 138, 94



68, 107, 142



70, 110, 166

Sweetspot

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



173, 114, 125



224, 202, 206



161, 114, 173



112, 99, 101



240, 240, 240



112, 112, 112

Same Dimension

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



173, 114, 125



224, 132, 150



173, 140, 114



87, 78, 80



150, 0, 28



23, 0, 4

Inverse Universe

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



173, 114, 125



224, 132, 150



114, 138, 173



87, 78, 80



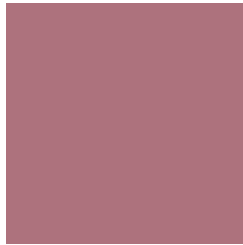
150, 0, 28



23, 0, 4

Previews

White Background



This preview shows how the RYB color 173, 114, 125 looks on a white background.

Color Contrast Check

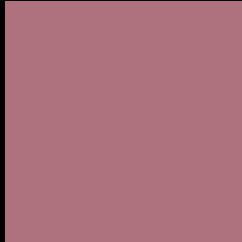
Large Text (above 18pt) WCAG AA ✓ Pass

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 173, 114, 125 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 173, 114, 125 Background



This preview shows how black text looks on a background with the RYB color 173, 114, 125.



This preview shows how white text looks on a background with the RYB color 173, 114, 125.

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





Tritanopia
173, 114, 123

Trichromacy



Original Color

173, 114, 125

Protanomaly

147, 124, 131

Deuteranomaly

156, 122, 124

Tritanomaly

173, 114, 124

Monochromacy



Original Color

173, 114, 125

Achromatopsia

133, 133, 133

Achromatomaly

148, 126, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 114, 125 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(173, 114, 125) looks like.

```
.text, #text, p{  
    color:rgb(173, 114, 125)  
}
```

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(173, 114, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 114, 125) }
```

Border

The CSS property to change the border of an element to RYB 173, 114, 125 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(173, 114, 125) }
```

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

```
.border{ border-color:rgb(173, 114, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 114, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 114, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 114, 125);  
box-shadow:4px 4px 4px 4px rgb(173, 114,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 173, 114, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 114, 125) }
```

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

```
.background{ background-color: rgb(173,  
114, 125) }
```

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