

Converting Colors

`RYB(173, 114, 154)`

Have a look what the booklet for
RYB(173, 114, 154) contains.

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Color

R_YB(173, 114, 154)

Conversions

Conversions Part 1

Format	Color
Hex	AD729A
RGB	173, 114, 154
RGB Percent	68%, 45%, 60%
CMY	0.3216, 0.5529, 0.3961
CMYK	0.00, 0.34, 0.11, 0.32
HSL	319°, 26%, 56%
HSV	319°, 34%, 68%
XYZ	29.0836, 23.2520, 33.5271
YIQ	136.2010, 22.3240, 24.9480

Conversions

Conversions Part 2

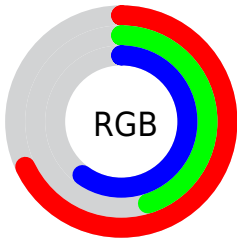
Format	Color
R _{YB}	173, 114, 154
Decimal	11367066
CIE _{Lab}	55.33, 29.47, -12.07
CIE _{LCh}	55, 31.845, 337.727
Yxy	23.2520, 0.3387, 0.2708
Android (android.graphics.Color)	4289557146 (0xFFAD729A)
YUV	136.2010, 8.7749, 32.2727
Hunter-Lab	48.2203, 23.2752, -7.4695

Details

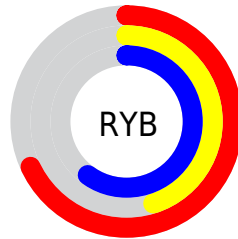
The RYB color **173, 114, 154** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **114, 159, 173**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **229, 167, 208**, and **119, 65, 103** is the 20% darker color. If you saturate the color by 10%, you get **173, 97, 148**, and if you desaturate by 10%, it is **173, 131, 160**.

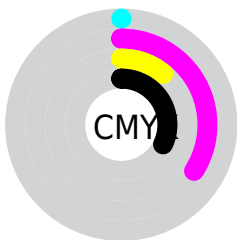
Distribution



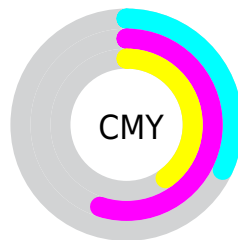
- Red (68%)
- Green (45%)
- Blue (60%)



- Red (68%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (34%)
- Yellow (11%)
- Black (32%)



- Cyan (32%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 114, 154 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, 154 by changing the saturation by 10% instead.

 173, 114, 154

255, 255, 255

 229, 167, 208

 255, 194, 237

 255, 222, 255

 255, 251, 255

 173, 114, 154


 146, 89, 128

 119, 65, 103

 94, 41, 79

 69, 17, 56

 46, 0, 34

 18, 0, 10

 0, 0, 0

 173, 114, 154

 173, 97, 148

 173, 114, 154

 173, 131, 160

173, 79, 143

173, 149, 165

173, 62, 137

173, 166, 171

173, 45, 132

173, 181, 183

173, 28, 126

173, 194, 201

173, 10, 121

173, 207, 218

173, 0, 117

173, 220, 235

173, 232, 252

173, 233, 255

Harmonies

Analogous

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



145, 123, 176



173, 114, 154



186, 111, 126

Triad

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



173, 114, 154



90, 144, 77



2, 78, 165

Complementary

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



173, 114, 154



114, 159, 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.



39, 95, 147



173, 114, 154



88, 141, 115

Square

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



173, 114, 154



168, 164, 82



80, 125, 146



54, 106, 183

Rectangle

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



173, 114, 154



186, 113, 108



80, 125, 146



6, 79, 157

Sweetspot

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



173, 114, 154



224, 202, 217



133, 114, 173



112, 99, 108



240, 240, 240



112, 112, 112

Same Dimension

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



173, 114, 154



224, 132, 195



173, 114, 125



87, 78, 84



150, 0, 102



23, 0, 16

Inverse Universe

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



173, 114, 154



224, 132, 195



114, 147, 173



87, 78, 84



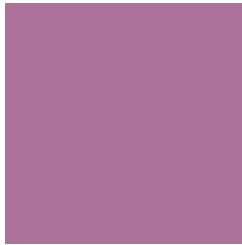
150, 0, 102



23, 0, 16

Previews

White Background



This preview shows how the RYB color 173, 114, 154 looks on a white background.

Color Contrast Check

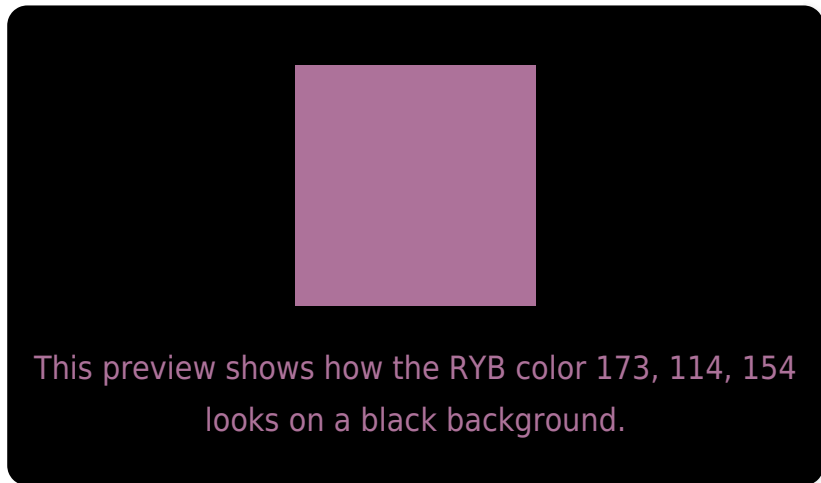
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

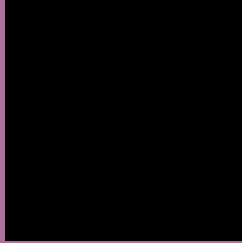
Any Text WCAG AA ✓ Pass

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](#).

RYP 173, 114, 154 Background



This preview shows how black text looks on a background with the RYB color 173, 114, 154.

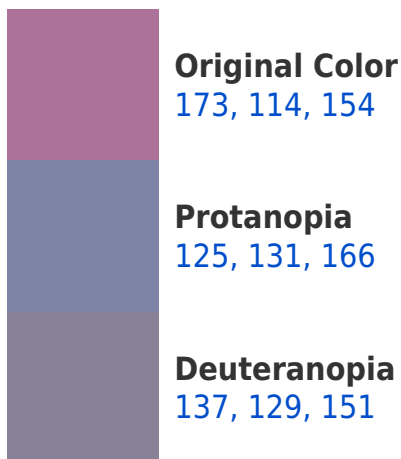



This preview shows how white text looks on a background with the RYB color 173, 114, 154.

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
170, 119, 128

Trichromacy



Original Color
173, 114, 154

Protanomaly
142, 125, 162

Deuteranomaly
150, 124, 152

Tritanomaly
171, 117, 137

Monochromacy



Original Color
173, 114, 154

Achromatopsia
136, 136, 136

Achromatomaly
149, 128, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 114, 154 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, 154) looks like.

```
.text, #text, p{  
    color:rgb(173, 114, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 114, 154) }
```

Border

The CSS property to change the border of an element to RYB 173, 114, 154 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, 154) }
```

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

```
.border{ border-color:rgb(173, 114, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 114, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 114, 154);  
box-shadow:4px 4px 4px 4px rgb(173, 114,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 173, 114, 154 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, 154) }
```

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

```
.background{ background-color: rgb(173,  
114, 154) }
```

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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