

Converting Colors

`RYB(173, 114, 148)`

Have a look what the booklet for
RYB(173, 114, 148) contains.

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Color

R_YB(173, 114, 148)

Conversions

Conversions Part 1

Format	Color
Hex	AD7294
RGB	173, 114, 148
RGB Percent	68%, 45%, 58%
CMY	0.3216, 0.5529, 0.4196
CMYK	0.00, 0.34, 0.14, 0.32
HSL	325°, 26%, 56%
HSV	325°, 34%, 68%
XYZ	28.5962, 23.0570, 30.9602
YIQ	135.5170, 24.2500, 23.0820

Conversions

Conversions Part 2

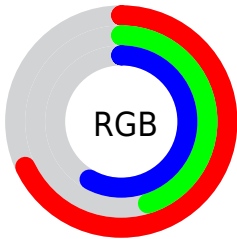
Format	Color
R_{YB}	173, 114, 148
Decimal	11367060
CIE _{Lab}	55.13, 28.44, -8.88
CIE _{LCh}	55, 29.791, 342.666
Yxy	23.0570, 0.3461, 0.2791
Android (android.graphics.Color)	4289557140 (0xFFAD7294)
YUV	135.5170, 6.1541, 32.8726
Hunter-Lab	48.0177, 22.2720, -4.6159

Details

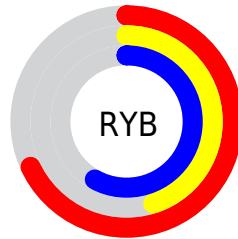
The RYB color **173, 114, 148** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **114, 155, 173**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **229, 167, 202**, and **119, 65, 97** is the 20% darker color. If you saturate the color by 10%, you get **173, 97, 141**, and if you desaturate by 10%, it is **173, 131, 155**.

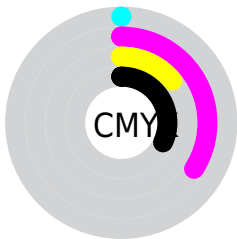
Distribution



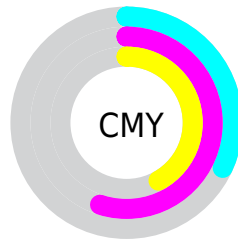
- Red (68%)
- Green (45%)
- Blue (58%)



- Red (68%)
- Yellow (45%)
- Blue (58%)



- Cyan (0%)
- Magenta (34%)
- Yellow (14%)
- Black (32%)



- Cyan (32%)
- Magenta (55%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 114, 148 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, 148 by changing the saturation by 10% instead.

 173, 114, 148

255, 255, 255

 229, 167, 202

 255, 194, 230

 255, 222, 255

 255, 251, 255

 173, 114, 148

 146, 89, 122

 119, 65, 97

 94, 41, 74

 69, 18, 51

 46, 0, 30

 17, 0, 2

 0, 0, 0

 173, 114, 148

 173, 97, 141


 173, 114, 148

 173, 131, 155

 173, 79, 133

 173, 149, 163

 173, 62, 126


 173, 166, 170

 173, 45, 119

 173, 180, 183

 173, 28, 111

 173, 193, 201

 173, 10, 104

 173, 205, 218

 173, 0, 100

 173, 217, 235

 173, 228, 252

 173, 228, 255

Harmonies

Analogous

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



149, 121, 170



173, 114, 148



183, 112, 122

Triad

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



173, 114, 148



85, 138, 81



35, 94, 166

Complementary

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



173, 114, 148



114, 155, 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.



45, 97, 146



173, 114, 148



93, 141, 124

Square

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



173, 114, 148



153, 162, 83



78, 121, 145



70, 113, 181

Rectangle

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



173, 114, 148



181, 117, 105



78, 121, 145



32, 92, 159

Sweetspot

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



173, 114, 148



224, 202, 215



139, 114, 173



112, 99, 106



240, 240, 240



112, 112, 112

Same Dimension

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



173, 114, 148



224, 132, 185



173, 114, 119



87, 78, 83



150, 0, 87



23, 0, 13

Inverse Universe

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



173, 114, 148



224, 132, 185



114, 145, 173



87, 78, 83



150, 0, 87



23, 0, 13

Previews

White Background



This preview shows how the RYB color 173, 114, 148 looks on a white background.

Color Contrast Check

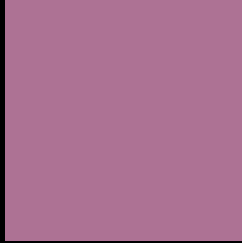
Large Text (above 18pt) WCAG AA ✓ Pass

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, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

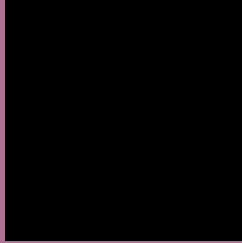
Any Text WCAG AA ✓ Pass

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, 148 Background



This preview shows how black text looks on a background with the RYB color 173, 114, 148.

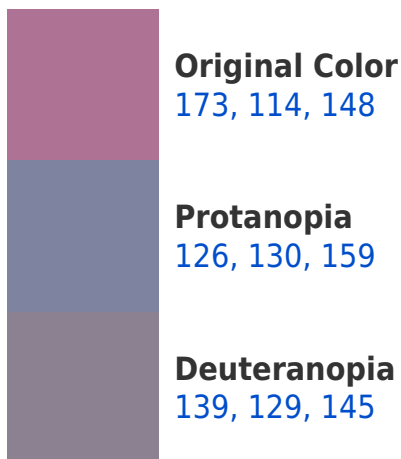



This preview shows how white text looks on a background with the RYB color 173, 114, 148.

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
171, 118, 127

Trichromacy



Original Color

173, 114, 148

Protanomaly

143, 125, 155

Deuteranomaly

151, 124, 146

Tritanomaly

172, 117, 135

Monochromacy



Original Color

173, 114, 148

Achromatopsia

136, 136, 136

Achromatomaly

149, 128, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 114, 148 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(173, 114, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 114, 148) }
```

Border

The CSS property to change the border of an element to RYB 173, 114, 148 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, 148) }
```

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

```
.border{ border-color:rgb(173, 114, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 114, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 114, 148);  
box-shadow:4px 4px 4px 4px rgb(173, 114,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 173, 114, 148 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, 148) }
```

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

```
.background{ background-color: rgb(173,  
114, 148) }
```

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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