

Converting Colors

`RYB(175, 114, 147)`

Have a look what the booklet for
RYB(175, 114, 147) contains.

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Color

R_YB(175, 114, 147)

Conversions

Conversions Part 1

Format	Color
Hex	AF7293
RGB	175, 114, 147
RGB Percent	69%, 45%, 58%
CMY	0.3137, 0.5529, 0.4235
CMYK	0.00, 0.35, 0.16, 0.31
HSL	328°, 28%, 57%
HSV	328°, 35%, 69%
XYZ	28.9630, 23.2552, 30.5659
YIQ	136.0010, 25.7630, 23.1950

Conversions

Conversions Part 2

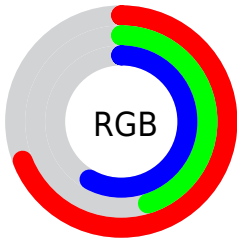
Format	Color
RYB	175, 114, 147
Decimal	11498131
CIELab	55.33, 28.99, -7.97
CIElCh	55, 30.063, 344.636
Yxy	23.2552, 0.3499, 0.2809
Android (android.graphics.Color)	4289688211 (0xFFAF7293)
YUV	136.0010, 5.4225, 34.2021
Hunter-Lab	48.2236, 22.8153, -3.8237

Details

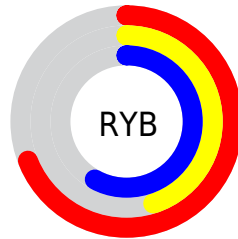
The RYB color **175, 114, 147** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **114, 156, 175**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **231, 167, 201**, and **121, 65, 96** is the 20% darker color. If you saturate the color by 10%, you get **175, 97, 139**, and if you desaturate by 10%, it is **175, 132, 155**.

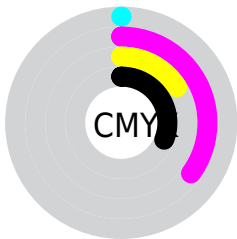
Distribution



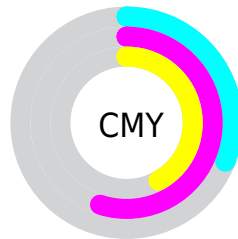
- Red (69%)
- Green (45%)
- Blue (58%)



- Red (69%)
- Yellow (45%)
- Blue (58%)



- Cyan (0%)
- Magenta (35%)
- Yellow (16%)
- Black (31%)



- Cyan (31%)
- Magenta (55%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the RYB color 175, 114, 147 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 175, 114, 147 by changing the saturation by 10% instead.

 175, 114, 147

255, 255, 255

 231, 167, 201


 255, 194, 229

 255, 222, 255


 255, 251, 255

 175, 114, 147

 148, 89, 121

 121, 65, 96

 96, 41, 73

 71, 17, 50

 47, 0, 29

 20, 0, 0


 0, 0, 0

 175, 114, 147

 175, 97, 139

 175, 114, 147

 175, 132, 155

 175, 79, 131


 175, 149, 163

 175, 62, 123

 175, 167, 171

 175, 44, 115

 175, 181, 184

 175, 26, 107

 175, 194, 202

 175, 9, 99

 175, 205, 219

 175, 0, 95

 175, 218, 237

 175, 229, 254

 175, 227, 255

Harmonies

Analogous

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



152, 121, 170



175, 114, 147



184, 113, 121

Triad

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



175, 114, 147



83, 137, 81



34, 94, 168

Complementary

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



175, 114, 147



114, 156, 175

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.



42, 95, 147



175, 114, 147



95, 142, 129

Square

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



175, 114, 147



147, 162, 82



76, 120, 146



73, 114, 182

Rectangle

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



175, 114, 147



182, 117, 104



76, 120, 146



30, 91, 161

Sweetspot

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



175, 114, 147



227, 204, 217



141, 114, 175



115, 101, 108



242, 242, 242



115, 115, 115

Same Dimension

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



175, 114, 147



227, 132, 183



175, 114, 117



87, 78, 83



150, 0, 81



23, 0, 12

Inverse Universe

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



175, 114, 147



227, 132, 183



114, 145, 175



87, 78, 83



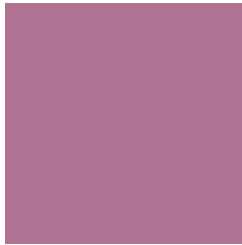
150, 0, 81



23, 0, 12

Previews

White Background



This preview shows how the RYB color 175, 114, 147 looks on a white background.

Color Contrast Check

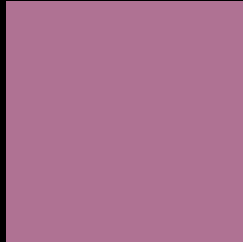
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 114, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

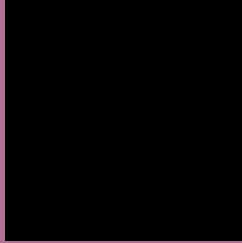
Any Text WCAG AA ✓ Pass

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 175, 114, 147 Background



This preview shows how black text looks on a background with the RYB color 175, 114, 147.



This preview shows how white text looks on a background with the RYB color 175, 114, 147.

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
175, 114, 147

Protanopia
127, 131, 159

Deuteranopia
141, 129, 144



Tritanopia
173, 118, 127

Trichromacy



Original Color
175, 114, 147

Protanomaly
144, 125, 155

Deuteranomaly
153, 124, 145

Tritanomaly
174, 117, 134

Monochromacy



Original Color
175, 114, 147

Achromatopsia
136, 136, 136

Achromatomaly
150, 128, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 114, 147 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(175, 114, 147) looks like.

```
.text, #text, p{  
    color:rgb(175, 114, 147)  
}
```

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(175, 114, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 114, 147) }
```

Border

The CSS property to change the border of an element to RYB 175, 114, 147 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(175, 114, 147) }
```

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

```
.border{ border-color:rgb(175, 114, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 114, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 114, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 114, 147);  
box-shadow:4px 4px 4px 4px rgb(175, 114,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 175, 114, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 114, 147) }
```

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

```
.background{ background-color: rgb(175,  
114, 147) }
```

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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