

Converting Colors

`RYB(179, 113, 147)`

Have a look what the booklet for
RYB(179, 113, 147) contains.

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Color

R_YB(179, 113, 147)

Conversions

Conversions Part 1

Format	Color
Hex	B37193
RGB	179, 113, 147
RGB Percent	70%, 44%, 58%
CMY	0.2980, 0.5569, 0.4235
CMYK	0.00, 0.37, 0.18, 0.30
HSL	329°, 30%, 57%
HSV	329°, 37%, 70%
XYZ	29.7620, 23.5005, 30.5712
YIQ	136.6100, 28.4220, 24.5660

Conversions

Conversions Part 2

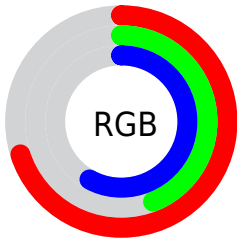
Format	Color
R_{YB}	179, 113, 147
Decimal	11760019
CIE _{Lab}	55.58, 30.98, -7.54
CIE _{LCh}	56, 31.882, 346.317
Yxy	23.5005, 0.3550, 0.2803
Android (android.graphics.Color)	4289950099 (0xFFB37193)
YUV	136.6100, 5.1223, 37.1760
Hunter-Lab	48.4774, 24.7522, -3.4558

Details

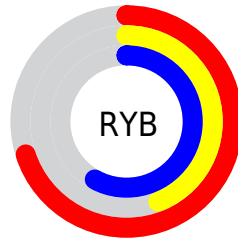
The RYB color **179, 113, 147** is a light color, and the websafe version is hex **996699**. A complement of this color would be **113, 157, 179**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **236, 166, 201**, and **125, 63, 96** is the 20% darker color. If you saturate the color by 10%, you get **179, 95, 138**, and if you desaturate by 10%, it is **179, 131, 156**.

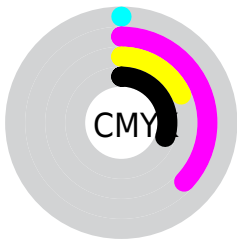
Distribution



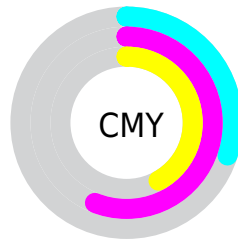
- Red (70%)
- Green (44%)
- Blue (58%)



- Red (70%)
- Yellow (44%)
- Blue (58%)



- Cyan (0%)
- Magenta (37%)
- Yellow (18%)
- Black (30%)



- Cyan (30%)
- Magenta (56%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 113, 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 179, 113, 147 by changing the saturation by 10% instead.

 179, 113, 147

255, 255, 255

 236, 166, 201

 255, 193, 229

 255, 221, 255


 255, 250, 255

 179, 113, 147

 152, 88, 121

 125, 63, 96

 99, 40, 73

 74, 15, 50

 50, 0, 29

 25, 0, 1

 0, 0, 0

 179, 113, 147


 179, 95, 138

 179, 113, 147

 179, 131, 156

 179, 77, 130


 179, 149, 164


 179, 59, 121

 179, 167, 173

 179, 41, 112

 179, 183, 185

 179, 23, 104

 179, 195, 203

 179, 6, 95

 179, 207, 220

 179, 0, 92

 179, 219, 238

 179, 230, 255

 179, 226, 255

Harmonies

Analogous

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



155, 121, 172



179, 113, 147



187, 112, 119

Triad

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



179, 113, 147



79, 136, 79



16, 87, 172

Complementary

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



179, 113, 147



113, 157, 179

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.



26, 87, 148



179, 113, 147



94, 143, 132

Square

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



179, 113, 147



140, 162, 79



69, 117, 147



70, 114, 186

Rectangle

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



179, 113, 147



184, 117, 102



69, 117, 147



3, 79, 165

Sweetspot

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



179, 113, 147



232, 207, 220



145, 113, 179



117, 102, 110



245, 245, 245



117, 117, 117

Same Dimension

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



179, 113, 147



232, 130, 183



179, 113, 114



89, 80, 85



153, 0, 79



26, 0, 13

Inverse Universe

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



179, 113, 147



232, 130, 183



113, 146, 179



89, 80, 85



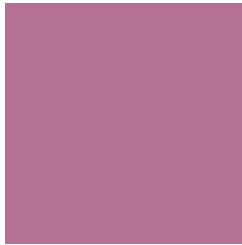
153, 0, 79



26, 0, 13

Previews

White Background



This preview shows how the RYB color 179, 113, 147 looks on a white background.

Color Contrast Check

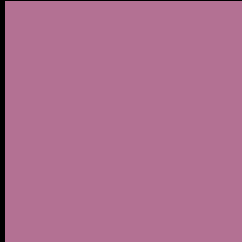
Large Text (above 18pt) WCAG AA ✓ Pass

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 179, 113, 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 179, 113, 147 Background



This preview shows how black text looks on a background with the RYB color 179, 113, 147.



This preview shows how white text looks on a background with the RYB color 179, 113, 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
179, 113, 147

Protanopia
128, 132, 160

Deuteranopia
142, 130, 144



Tritanopia
177, 117, 126

Trichromacy



Original Color

179, 113, 147

Protanomaly

147, 125, 155

Deuteranomaly

155, 124, 145

Tritanomaly

178, 116, 134

Monochromacy



Original Color

179, 113, 147

Achromatopsia

137, 137, 137

Achromatomaly

152, 128, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 113, 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(179, 113, 147)` looks like.

```
.text, #text, p{  
    color:rgb(179, 113, 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(179, 113, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 113, 147) }
```

Border

The CSS property to change the border of an element to RYB 179, 113, 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(179, 113, 147) }
```

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

```
.border{ border-color:rgb(179, 113, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 113, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 113, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 113, 147);  
box-shadow:4px 4px 4px 4px rgb(179, 113,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 179, 113, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 113, 147) }
```

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

```
.background{ background-color: rgb(179,  
113, 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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