

Converting Colors

`RYB(169, 114, 153)`

Have a look what the booklet for
RYB(169, 114, 153) contains.

RYB(169, 114, 153)	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

R_YB(169, 114, 153)

Conversions

Conversions Part 1

Format	Color
Hex	A97299
RGB	169, 114, 153
RGB Percent	66%, 45%, 60%
CMY	0.3373, 0.5529, 0.4000
CMYK	0.00, 0.33, 0.09, 0.34
HSL	317°, 24%, 55%
HSV	317°, 33%, 66%
XYZ	28.1293, 22.7696, 33.0494
YIQ	134.8910, 20.2610, 23.7890

Conversions

Conversions Part 2

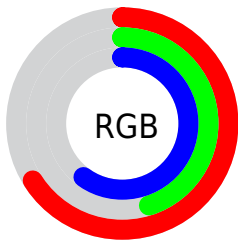
Format	Color
RYB	169, 114, 153
Decimal	11104921
CIELab	54.83, 27.88, -12.28
CIElCh	55, 30.469, 336.228
Yxy	22.7696, 0.3351, 0.2712
Android (android.graphics.Color)	4289295001 (0xFFA97299)
YUV	134.8910, 8.9277, 29.9136
Hunter-Lab	47.7175, 21.7196, -7.6624

Details

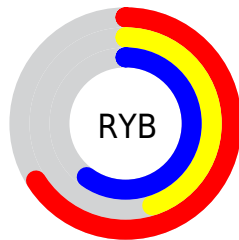
The RYB color **169, 114, 153** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **114, 157, 169**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **225, 167, 207**, and **116, 65, 102** is the 20% darker color. If you saturate the color by 10%, you get **169, 97, 148**, and if you desaturate by 10%, it is **169, 131, 158**.

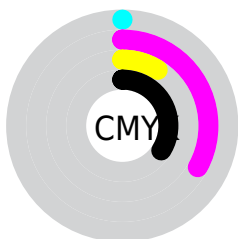
Distribution



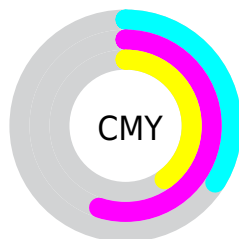
- Red (66%)
- Green (45%)
- Blue (60%)



- Red (66%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (33%)
- Yellow (9%)
- Black (34%)



- Cyan (34%)
- Magenta (55%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the RYB color 169, 114, 153 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 169, 114, 153 by changing the saturation by 10% instead.

 169, 114, 153

255, 255, 255

 225, 167, 207

 254, 194, 236


 255, 222, 255

 255, 251, 255

 169, 114, 153

 142, 89, 127

 116, 65, 102

 91, 41, 78

 66, 18, 55

 43, 0, 34

 11, 0, 8

 0, 0, 0

 169, 114, 153


 169, 97, 148

 169, 114, 153

 169, 131, 158

 169, 80, 143

 169, 148, 163

 169, 63, 138


 169, 165, 168

 169, 46, 133

 169, 179, 182

 169, 29, 128

 169, 191, 198

 169, 13, 124

 169, 205, 215

 169, 0, 120

 169, 218, 232

 169, 231, 249

 169, 234, 255

Harmonies

Analogous

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



142, 122, 174



169, 114, 153



182, 111, 127

Triad

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



169, 114, 153



93, 143, 78



23, 87, 161

Complementary

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



169, 114, 153



114, 157, 169

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.



47, 98, 145



169, 114, 153



88, 139, 112

Square

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



169, 114, 153



166, 157, 83



83, 126, 144



57, 106, 179

Rectangle

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



169, 114, 153



182, 112, 109



83, 126, 144



26, 88, 154

Sweetspot

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



169, 114, 153



219, 197, 213



130, 114, 169



110, 96, 106



237, 237, 237



110, 110, 110

Same Dimension

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



169, 114, 153



219, 134, 194



169, 114, 126



84, 76, 82



148, 0, 105



20, 0, 14

Inverse Universe

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



169, 114, 153



219, 134, 194



114, 145, 169



84, 76, 82



148, 0, 105



20, 0, 14

Previews

White Background



This preview shows how the RYB color 169, 114, 153 looks on a white background.

Color Contrast Check

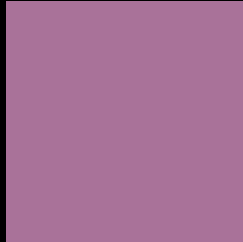
Large Text (above 18pt) WCAG AA ✓ Pass

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 169, 114, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

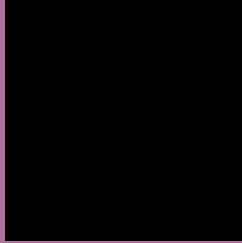
Any Text WCAG AA ✓ Pass

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 169, 114, 153 Background



This preview shows how black text looks on a background with the RYB color 169, 114, 153.



This preview shows how white text looks on a background with the RYB color 169, 114, 153.

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
169, 114, 153

Protanopia
123, 129, 164

Deuteranopia
135, 128, 150



Tritanopia
166, 119, 128

Trichromacy



Original Color
169, 114, 153

Protanomaly
140, 124, 160

Deuteranomaly
147, 123, 151

Tritanomaly
167, 117, 137

Monochromacy



Original Color
169, 114, 153

Achromatopsia
135, 135, 135

Achromatomaly
147, 127, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 114, 153 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(169, 114, 153) looks like.

```
.text, #text, p{  
    color:rgb(169, 114, 153)  
}
```

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(169, 114, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 114, 153) }
```

Border

The CSS property to change the border of an element to RYB 169, 114, 153 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(169, 114, 153) }
```

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

```
.border{ border-color:rgb(169, 114, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 114, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 114, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 114, 153);  
box-shadow:4px 4px 4px 4px rgb(169, 114,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 169, 114, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 114, 153) }
```

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

```
.background{ background-color: rgb(169,  
114, 153) }
```

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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