

Converting Colors

`RYB(169, 93, 122)`

Have a look what the booklet for
RYB(169, 93, 122) contains.

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Color

`RYB(169, 93, 122)`

Conversions

Conversions Part 1

Format	Color
Hex	A95D7A
RGB	169, 93, 122
RGB Percent	66%, 36%, 48%
CMY	0.3373, 0.6353, 0.5216
CMYK	0.00, 0.45, 0.28, 0.34
HSL	337°, 31%, 51%
HSV	337°, 45%, 66%
XYZ	23.7894, 17.6689, 20.5689
YIQ	119.0300, 35.9870, 25.1310

Conversions

Conversions Part 2

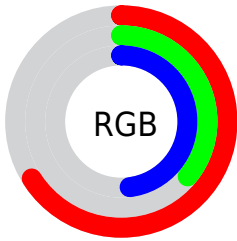
Format	Color
R_{YB}	169, 93, 122
Decimal	11099514
CIE _{Lab}	49.09, 34.53, -2.53
CIE _{LCh}	49, 34.626, 355.810
Yxy	17.6689, 0.3835, 0.2849
Android (android.graphics.Color)	4289289594 (0xFFA95D7A)
YUV	119.0300, 1.4642, 43.8237
Hunter-Lab	42.0343, 27.4622, 0.4113

Details

The RYB color **169, 93, 122** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **93, 140, 169**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **226, 145, 174**, and **115, 44, 73** is the 20% darker color. If you saturate the color by 10%, you get **169, 76, 112**, and if you desaturate by 10%, it is **169, 110, 132**.

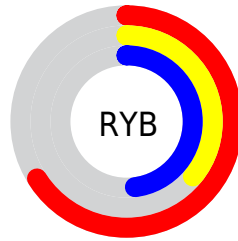
Distribution



Red (66%)

Green (36%)

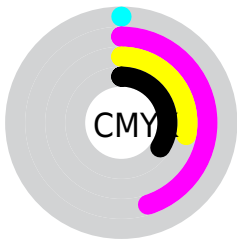
Blue (48%)



Red (66%)

Yellow (36%)

Blue (48%)

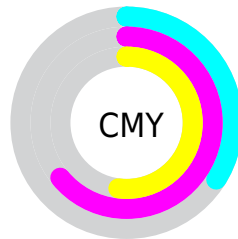


Cyan (0%)

Magenta (45%)

Yellow (28%)

Black (34%)



Cyan (34%)

Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 93, 122 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, 93, 122 by changing the saturation by 10% instead.



169, 93, 122



169, 93, 122

255, 255, 255



141, 68, 97



226, 145, 174



115, 44, 73



255, 172, 202



88, 18, 51



255, 200, 230



63, 0, 30



255, 228, 255



43, 0, 4



0, 0, 0



169, 93, 122



169, 93, 122



169, 76, 112



169, 110, 132



169, 59, 101



169, 127, 143

169, 42, 91

169, 144, 153

169, 25, 80

169, 161, 164

169, 9, 70

169, 174, 177

169, 0, 64

169, 184, 194

169, 195, 211

169, 205, 228

169, 216, 245

Harmonies

Analogous

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



149, 100, 150



169, 93, 122



172, 95, 93

Triad

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



169, 93, 122



62, 123, 76



0, 72, 164

Complementary

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



169, 93, 122



93, 140, 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.



0, 68, 141



169, 93, 122



74, 121, 129

Square

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



169, 93, 122



91, 138, 57



17, 80, 132



59, 99, 175

Rectangle

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



169, 93, 122



166, 109, 76



17, 80, 132



0, 71, 158

Sweetspot

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



169, 93, 122



219, 191, 202



140, 93, 169



110, 92, 99



237, 237, 237



110, 110, 110

Same Dimension

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



169, 93, 122



219, 101, 146



169, 103, 93



84, 76, 79



148, 0, 56



20, 0, 8

Inverse Universe

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



169, 93, 122



219, 101, 146



93, 129, 169



84, 76, 79



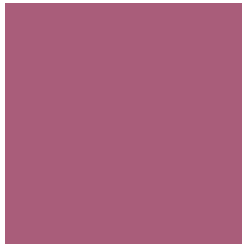
148, 0, 56



20, 0, 8

Previews

White Background



This preview shows how the RYB color 169, 93, 122 looks on a white background.

Color Contrast Check

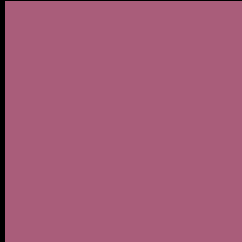
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 169, 93, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

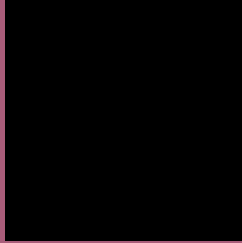
Any Text WCAG AA ✓ Pass

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, 93, 122 Background



This preview shows how black text looks on a background with the RYB color 169, 93, 122.



This preview shows how white text looks on a background with the RYB color 169, 93, 122.

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, 93, 122

Protanopia
113, 116, 136

Deuteranopia
128, 113, 119



Tritanopia
167, 96, 103

Trichromacy



Original Color
169, 93, 122

Protanomaly
133, 108, 131

Deuteranomaly
143, 106, 120

Tritanomaly
168, 95, 110

Monochromacy



Original Color
169, 93, 122

Achromatopsia
119, 119, 119

Achromatomaly
137, 110, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 93, 122 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, 93, 122)` looks like.

```
.text, #text, p{  
    color:rgb(169, 93, 122)  
}
```

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, 93, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 93, 122) }
```

Border

The CSS property to change the border of an element to RYB 169, 93, 122 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, 93, 122) }
```

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

```
.border{ border-color:rgb(169, 93, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 93, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 93, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 93, 122);  
box-shadow:4px 4px 4px 4px rgb(169, 93,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 169, 93, 122 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 93, 122) }
```

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

```
.background{ background-color: rgb(169, 93,  
122) }
```

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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