

Converting Colors

`RYB(169, 154, 204)`

Have a look what the booklet for
RYB(169, 154, 204) contains.

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Color

R_YB(169, 154, 204)

Conversions

Conversions Part 1

Format	Color
Hex	A99ACC
RGB	169, 154, 204
RGB Percent	66%, 60%, 80%
CMY	0.3373, 0.3961, 0.2000
CMYK	0.17, 0.25, 0.00, 0.20
HSL	258°, 33%, 70%
HSV	258°, 25%, 80%
XYZ	38.8169, 35.9059, 62.0114
YIQ	164.1850, -7.1100, 18.7300

Conversions

Conversions Part 2

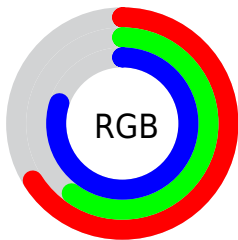
Format	Color
R _Y B	169, 154, 204
Decimal	11115212
CIE Lab	66.45, 15.58, -23.63
CIE LCh	66, 28.305, 303.406
Yxy	35.9059, 0.2839, 0.2626
Android (android.graphics.Color)	4289305292 (0xFFA99ACC)
YUV	164.1850, 19.6288, 4.2228
Hunter-Lab	59.9215, 10.7689, -19.4128

Details

The RYB color **169, 154, 204** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **154, 204, 169**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **225, 208, 255**, and **116, 103, 150** is the 20% darker color. If you saturate the color by 10%, you get **155, 134, 204**, and if you desaturate by 10%, it is **183, 174, 204**.

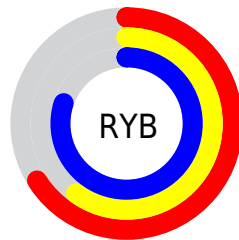
Distribution



Red (66%)

Green (60%)

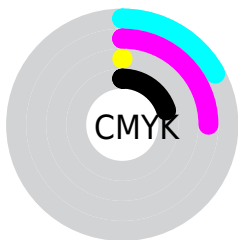
Blue (80%)



Red (66%)

Yellow (60%)

Blue (80%)

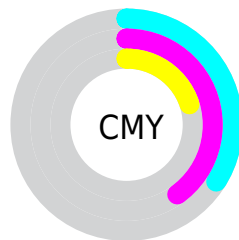


Cyan (17%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (34%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 154, 204 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, 154, 204 by changing the saturation by 10% instead.


 169, 154, 204

255, 255, 255

 225, 208, 255

 253, 237, 255

 169, 154, 204


 142, 128, 176

 116, 103, 150

 91, 79, 124

 67, 56, 99

 44, 34, 75

 21, 14, 52

 0, 1, 30


 0, 0, 1


 0, 0, 0

 169, 154, 204


 169, 154, 204

 155, 134, 204


 183, 174, 204

 140, 113, 204

 198, 195, 204

 126, 93, 204

 204, 215, 207

 112, 72, 204

 204, 236, 214


 98, 52, 204

 204, 255, 219

 83, 32, 204

 204, 255, 204

 69, 11, 204

 61, 0, 204

Harmonies

Analogous

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



133, 155, 212



169, 154, 204



197, 146, 185

Triad

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



169, 154, 204



199, 178, 117



93, 138, 176

Complementary

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



169, 154, 204



154, 204, 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.



120, 161, 174



169, 154, 204



132, 177, 111

Square

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



169, 154, 204



211, 147, 135



119, 168, 138



81, 131, 189

Rectangle

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



169, 154, 204



208, 143, 168



119, 168, 138



101, 144, 175

Sweetspot

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



169, 154, 204



243, 237, 255



154, 175, 204



120, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



169, 154, 204



203, 181, 255



194, 154, 204



95, 92, 102



50, 0, 166



11, 0, 38

Inverse Universe

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



204, 154, 189



255, 181, 233



154, 204, 194



102, 92, 99



166, 0, 116



38, 0, 27

Previews

White Background



This preview shows how the RYB color 169, 154, 204 looks on a white background.

Color Contrast Check

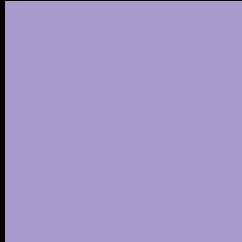
Large Text (above 18pt) WCAG AA × Fail

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, 154, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

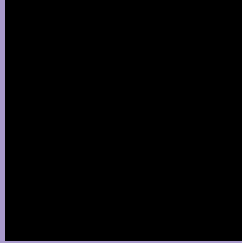
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 169, 154, 204 Background



This preview shows how black text looks on a background with the RYB color 169, 154, 204.



This preview shows how white text looks on a background with the RYB color 169, 154, 204.

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, 154, 204

Protanopia

149, 158, 208

Deuteranopia

156, 158, 203



Tritanopia
164, 160, 172

Trichromacy



Original Color
169, 154, 204

Protanomaly
156, 158, 207

Deuteranomaly
161, 157, 203

Tritanomaly
166, 158, 184

Monochromacy



Original Color
169, 154, 204

Achromatopsia
164, 164, 164

Achromatomaly
166, 160, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 154, 204 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, 154, 204)` looks like.

```
.text, #text, p{  
    color:rgb(169, 154, 204)  
}
```

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, 154, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 154, 204) }
```

Border

The CSS property to change the border of an element to RYB 169, 154, 204 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, 154, 204) }
```

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

```
.border{ border-color:rgb(169, 154, 204) }
```

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

Here you see how a box with a 4 pixel rgb(169, 154, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 154, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 154, 204);  
box-shadow:4px 4px 4px 4px rgb(169, 154,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 169, 154, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 154, 204) }
```

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

```
.background{ background-color: rgb(169,  
154, 204) }
```

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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