

Converting Colors

`RYB(169, 164, 244)`

Have a look what the booklet for RYB(169, 164, 244) contains.

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Color

R_YB(169, 164, 244)

Conversions

Conversions Part 1

Format	Color
Hex	A9A4F4
RGB	169, 164, 244
RGB Percent	66%, 64%, 96%
CMY	0.3373, 0.3569, 0.0431
CMYK	0.31, 0.33, 0.00, 0.04
HSL	244°, 78%, 80%
HSV	244°, 33%, 96%
XYZ	45.9668, 41.5176, 91.1789
YIQ	174.6150, -22.7000, 25.9400

Conversions

Conversions Part 2

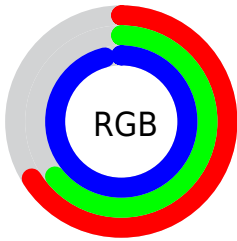
Format	Color
R _Y B	169, 164, 244
Decimal	11117812
CIE Lab	70.54, 19.46, -39.31
CIE LCh	71, 43.866, 296.342
Yxy	41.5176, 0.2573, 0.2324
Android (android.graphics.Color)	4289307892 (0xFFA9A4F4)
YUV	174.6150, 34.2068, -4.9244
Hunter-Lab	64.4341, 14.5807, -38.7957

Details

The RYB color **169, 164, 244** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **164, 244, 169**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **226, 219, 255**, and **114, 112, 187** is the 20% darker color. If you saturate the color by 10%, you get **146, 140, 244**, and if you desaturate by 10%, it is **192, 188, 244**.

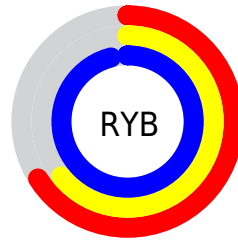
Distribution



Red (66%)

Green (64%)

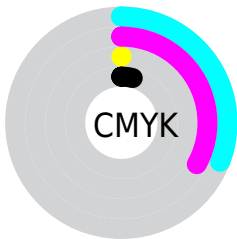
Blue (96%)



Red (66%)

Yellow (64%)

Blue (96%)

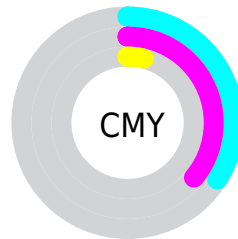


Cyan (31%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (34%)

Magenta (36%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 164, 244 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, 164, 244 by changing the saturation by 10% instead.


 169, 164, 244


255, 255, 255

 226, 219, 255


 255, 247, 255

 169, 164, 244


 141, 138, 215

 114, 112, 187

 88, 88, 160

 61, 65, 134


 34, 42, 108

 0, 17, 83


 0, 0, 60

 0, 2, 37


 0, 1, 14

 169, 164, 244


 169, 164, 244

 146, 140, 244

 192, 188, 244

 123, 115, 244

 215, 213, 244

 100, 91, 244

 238, 237, 244

 78, 66, 244

 244, 255, 244

 55, 42, 244

 32, 18, 244

 15, 0, 244

Harmonies

Analogous

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



99, 151, 252



169, 164, 244



218, 149, 217

Triad

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



169, 164, 244



232, 182, 107



47, 127, 193

Complementary

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



169, 164, 244



164, 244, 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.



114, 178, 189



169, 164, 244



139, 202, 92

Square

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



169, 164, 244



248, 143, 139



99, 181, 118



0, 100, 207

Rectangle

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



169, 164, 244



238, 143, 192



99, 181, 118



74, 145, 192

Sweetspot

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



169, 164, 244



231, 230, 255



164, 203, 244



113, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



169, 164, 244



162, 156, 255



208, 164, 244



111, 110, 122



12, 0, 186



4, 0, 59

Inverse Universe

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



244, 164, 239



255, 156, 249



164, 244, 208



122, 110, 122



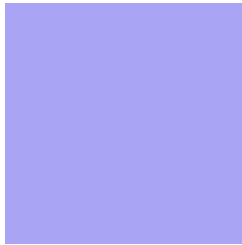
186, 0, 175



59, 0, 55

Previews

White Background



This preview shows how the RYB color 169, 164, 244 looks on a white background.

Color Contrast Check

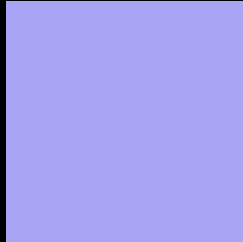
Large Text (above 18pt) WCAG AA × Fail

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, 164, 244 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, 164, 244 Background



This preview shows how black text looks on a background with the RYB color 169, 164, 244.



This preview shows how white text looks on a background with the RYB color 169, 164, 244.

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, 164, 244

Protanopia
147, 166, 249

Deuteranopia
147, 166, 243



Tritanopia
157, 169, 189

Trichromacy



Original Color
169, 164, 244

Protanomaly
155, 166, 247

Deuteranomaly
155, 166, 243

Tritanomaly
161, 169, 209

Monochromacy



Original Color
169, 164, 244

Achromatopsia
175, 175, 175

Achromatomaly
173, 171, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 164, 244 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, 164, 244)` looks like.

```
.text, #text, p{  
    color:rgb(169, 164, 244)  
}
```

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, 164, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 164, 244) }
```

Border

The CSS property to change the border of an element to RYB 169, 164, 244 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, 164, 244) }
```

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

```
.border{ border-color:rgb(169, 164, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 164, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 164, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 164, 244);  
box-shadow:4px 4px 4px 4px rgb(169, 164,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 169, 164, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 164, 244) }
```

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

```
.background{ background-color: rgb(169,  
164, 244) }
```

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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