

Converting Colors

`RYB(154, 131, 199)`

Have a look what the booklet for
RYB(154, 131, 199) contains.

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Color

R_YB(154, 131, 199)

Conversions

Conversions Part 1

Format	Color
Hex	9A83C7
RGB	154, 131, 199
RGB Percent	60%, 51%, 78%
CMY	0.3961, 0.4863, 0.2196
CMYK	0.23, 0.34, 0.00, 0.22
HSL	260°, 38%, 65%
HSV	260°, 34%, 78%
XYZ	31.7515, 27.2261, 57.6145
YIQ	145.6290, -8.1200, 26.0240

Conversions

Conversions Part 2

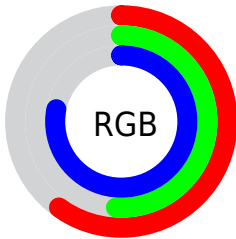
Format	Color
RYB	154, 131, 199
Decimal	10126279
CIELab	59.18, 22.87, -32.14
CIElCh	59, 39.445, 305.432
Yxy	27.2261, 0.2723, 0.2335
Android (android.graphics.Color)	4288316359 (0xFF9A83C7)
YUV	145.6290, 26.3119, 7.3414
Hunter-Lab	52.1787, 17.3073, -28.9416

Details

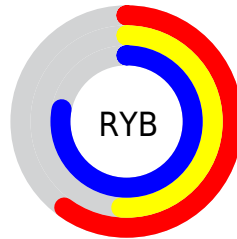
The RYB color **154, 131, 199** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **131, 199, 154**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **209, 184, 255**, and **101, 81, 145** is the 20% darker color. If you saturate the color by 10%, you get **141, 111, 199**, and if you desaturate by 10%, it is **167, 151, 199**.

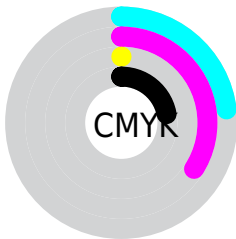
Distribution



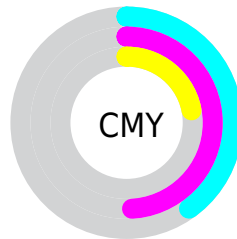
- Red (60%)
- Green (51%)
- Blue (78%)



- Red (60%)
- Yellow (51%)
- Blue (78%)



- Cyan (23%)
- Magenta (34%)
- Yellow (0%)
- Black (22%)




- Cyan (40%)
- Magenta (49%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 131, 199 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 154, 131, 199 by changing the saturation by 10% instead.

 154, 131, 199


255, 255, 255


 209, 184, 255

 238, 212, 255

 255, 240, 255

 154, 131, 199

 127, 106, 172

 101, 81, 145

 76, 58, 119


 52, 36, 94


 27, 15, 70


 6, 0, 47

 0, 1, 25

 0, 0, 0


 154, 131, 199


 154, 131, 199

 141, 111, 199


 167, 151, 199

 128, 91, 199

 180, 171, 199

 114, 71, 199

 194, 191, 199

 101, 51, 199

 199, 211, 203

 88, 31, 199

 199, 231, 210

 75, 12, 199

 199, 250, 216

 67, 0, 199

 199, 255, 208

 199, 255, 199

Harmonies

Analogous

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



98, 131, 211



154, 131, 199



191, 119, 172

Triad

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



154, 131, 199



187, 174, 80



0, 83, 160

Complementary

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



154, 131, 199



131, 199, 154

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.



76, 133, 158



154, 131, 199



90, 158, 72

Square

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



154, 131, 199



205, 122, 104



84, 152, 115



0, 85, 182

Rectangle

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



154, 131, 199



204, 115, 149



84, 152, 115



30, 102, 160

Sweetspot

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



154, 131, 199



238, 230, 255



131, 158, 199



117, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



154, 131, 199



186, 150, 255



188, 131, 199



93, 90, 99



55, 0, 163



12, 0, 36

Inverse Universe

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



199, 131, 176



255, 150, 220



131, 199, 188



99, 90, 96



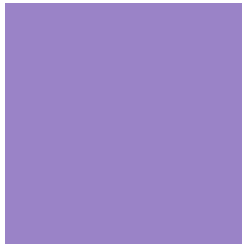
163, 0, 108



36, 0, 24

Previews

White Background



This preview shows how the RYB color 154, 131, 199 looks on a white background.

Color Contrast Check

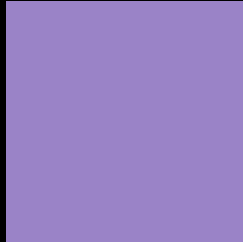
Large Text (above 18pt) WCAG AA ✓ Pass

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 154, 131, 199 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 154, 131, 199 Background



This preview shows how black text looks on a background with the RYB color 154, 131, 199.



This preview shows how white text looks on a background with the RYB color 154, 131, 199.

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
154, 131, 199

Protanopia
121, 137, 206

Deuteranopia
125, 138, 197



Tritanopia
145, 141, 152

Trichromacy



Original Color
154, 131, 199

Protanomaly
133, 137, 203

Deuteranomaly
136, 137, 198

Tritanomaly
148, 137, 169

Monochromacy



Original Color
154, 131, 199

Achromatopsia
146, 146, 146

Achromatomaly
149, 141, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 131, 199 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(154, 131, 199)` looks like.

```
.text, #text, p{  
    color:rgb(154, 131, 199)  
}
```

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(154, 131, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 131, 199) }
```

Border

The CSS property to change the border of an element to RYB 154, 131, 199 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(154, 131, 199) }
```

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

```
.border{ border-color:rgb(154, 131, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 131, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 131, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 131, 199);  
box-shadow:4px 4px 4px 4px rgb(154, 131,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 154, 131, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 131, 199) }
```

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

```
.background{ background-color: rgb(154,  
131, 199) }
```

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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