

Converting Colors

`RYB(151, 144, 205)`

Have a look what the booklet for
RYB(151, 144, 205) contains.

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Color

R_YB(151, 144, 205)

Conversions

Conversions Part 1

Format	Color
Hex	9790CD
RGB	151, 144, 205
RGB Percent	59%, 56%, 80%
CMY	0.4078, 0.4353, 0.1961
CMYK	0.26, 0.30, 0.00, 0.20
HSL	247°, 38%, 68%
HSV	247°, 30%, 80%
XYZ	33.7552, 30.9336, 61.9493
YIQ	153.0470, -15.4090, 20.4550

Conversions

Conversions Part 2

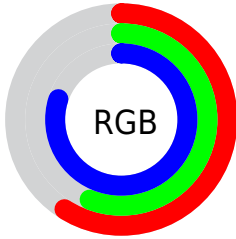
Format	Color
RYB	151, 144, 205
Decimal	9933005
CIELab	62.45, 15.93, -30.46
CIELCh	62, 34.377, 297.604
Yxy	30.9336, 0.2665, 0.2443
Android (android.graphics.Color)	4288123085 (0xFF9790CD)
YUV	153.0470, 25.6128, -1.7952
Hunter-Lab	55.6180, 11.0022, -27.1067

Details

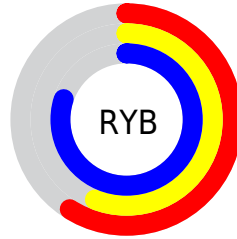
The RYB color **151, 144, 205** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **144, 205, 151**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **206, 198, 255**, and **99, 94, 151** is the 20% darker color. If you saturate the color by 10%, you get **133, 123, 205**, and if you desaturate by 10%, it is **169, 164, 205**.

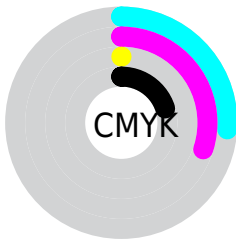
Distribution



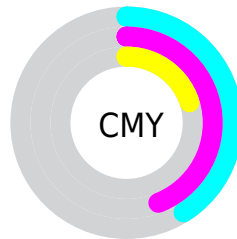
- Red (59%)
- Green (56%)
- Blue (80%)



- Red (59%)
- Yellow (56%)
- Blue (80%)



- Cyan (26%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)




- Cyan (41%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 144, 205 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 151, 144, 205 by changing the saturation by 10% instead.


 151, 144, 205


255, 255, 255

 206, 198, 255

 235, 226, 255

255, 254, 255

 151, 144, 205


 124, 118, 177

 99, 94, 151

 73, 70, 124

 49, 48, 99


 23, 27, 75


 1, 1, 52


 0, 2, 30

 0, 0, 1

 0, 0, 0

 151, 144, 205

 151, 144, 205

 133, 123, 205

 169, 164, 205

 115, 103, 205

 187, 185, 205

 97, 82, 205

 205, 206, 206

 78, 62, 205


 205, 226, 207

 60, 41, 205

 205, 247, 210

 42, 21, 205

 205, 255, 205

 24, 0, 205

Harmonies

Analogous

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



102, 138, 212



151, 144, 205



187, 133, 184

Triad

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



151, 144, 205



197, 162, 100



65, 122, 167

Complementary

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



151, 144, 205



144, 205, 151

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.



106, 155, 164



151, 144, 205



126, 173, 90

Square

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



151, 144, 205



210, 129, 124



96, 158, 112



21, 97, 178

Rectangle

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



151, 144, 205



202, 129, 165



96, 158, 112



79, 132, 167

Sweetspot

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



151, 144, 205



235, 232, 255



144, 173, 205



115, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



151, 144, 205



174, 163, 255



181, 144, 205



93, 92, 102



19, 0, 166



4, 0, 38

Inverse Universe

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



205, 144, 198



255, 163, 244



144, 205, 181



102, 92, 101



166, 0, 147



38, 0, 34

Previews

White Background



This preview shows how the RYB color 151, 144, 205 looks on a white background.

Color Contrast Check

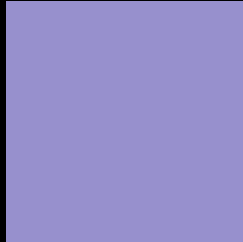
Large Text (above 18pt) WCAG AA × Fail

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 151, 144, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

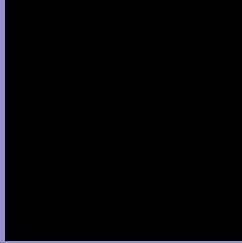
Any Text WCAG AA ✓ Pass

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 151, 144, 205 Background



This preview shows how black text looks on a background with the RYB color 151, 144, 205.



This preview shows how white text looks on a background with the RYB color 151, 144, 205.

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
151, 144, 205

Protanopia
133, 146, 209

Deuteranopia
136, 147, 204



Tritanopia

143, 149, 164

Trichromacy



Original Color

151, 144, 205

Protanomaly

140, 146, 208

Deuteranomaly

141, 146, 204

Tritanomaly

146, 149, 179

Monochromacy



Original Color

151, 144, 205

Achromatopsia

153, 153, 153

Achromatomaly

152, 150, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 144, 205 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(151, 144, 205)` looks like.

```
.text, #text, p{  
    color:rgb(151, 144, 205)  
}
```

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(151, 144, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 144, 205) }
```

Border

The CSS property to change the border of an element to RYB 151, 144, 205 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(151, 144, 205) }
```

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

```
.border{ border-color:rgb(151, 144, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 144, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 144, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 144, 205);  
box-shadow:4px 4px 4px 4px rgb(151, 144,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 151, 144, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 144, 205) }
```

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

```
.background{ background-color: rgb(151,  
144, 205) }
```

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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