

Converting Colors

`RYB(150, 134, 191)`

Have a look what the booklet for
RYB(150, 134, 191) contains.

RYB(150, 134, 191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(150, 134, 191)

Conversions

Conversions Part 1

Format	Color
Hex	9686BF
RGB	150, 134, 191
RGB Percent	59%, 53%, 75%
CMY	0.4118, 0.4745, 0.2510
CMYK	0.21, 0.30, 0.00, 0.25
HSL	257°, 31%, 64%
HSV	257°, 30%, 75%
XYZ	30.5067, 27.2958, 52.9510
YIQ	145.2820, -8.7610, 21.1190

Conversions

Conversions Part 2

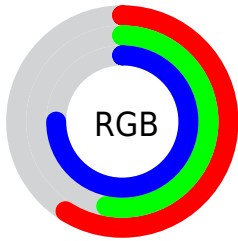
Format	Color
RYB	150, 134, 191
Decimal	9864895
CIELab	59.25, 18.00, -27.54
CIELCh	59, 32.901, 303.163
Yxy	27.2958, 0.2754, 0.2465
Android (android.graphics.Color)	4288054975 (0xFF9686BF)
YUV	145.2820, 22.5390, 4.1377
Hunter-Lab	52.2454, 12.7990, -23.5189

Details

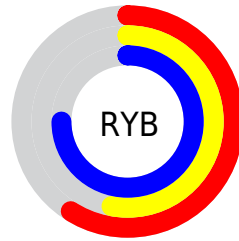
The RYB color **150, 134, 191** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **134, 191, 150**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **205, 187, 248**, and **98, 84, 137** is the 20% darker color. If you saturate the color by 10%, you get **136, 115, 191**, and if you desaturate by 10%, it is **164, 153, 191**.

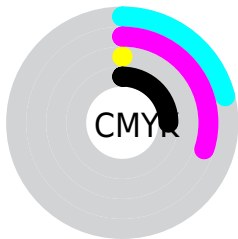
Distribution



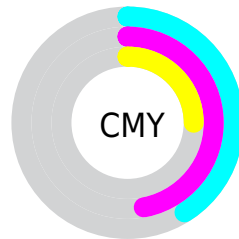
- Red (59%)
- Green (53%)
- Blue (75%)



- Red (59%)
- Yellow (53%)
- Blue (75%)



- Cyan (21%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)



- Cyan (41%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 134, 191 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 150, 134, 191 by changing the saturation by 10% instead.

■ 150, 134, 191

255, 255, 255

■ 205, 187, 248

■ 233, 215, 255

■ 255, 243, 255

■ 150, 134, 191

■ 124, 109, 164

■ 98, 84, 137

■ 73, 61, 112

■ 49, 39, 87

■ 26, 19, 63

■ 4, 0, 41

■ 0, 1, 19


■ 0, 0, 0

■ 150, 134, 191

■ 150, 134, 191


 136, 115, 191

 164, 153, 191


 123, 96, 191


 177, 172, 191

 109, 77, 191

 191, 191, 191

 95, 58, 191

 191, 210, 196

 81, 38, 191

 191, 230, 202

 68, 19, 191

 191, 249, 208

 54, 0, 191

 191, 255, 200

 191, 255, 191

Harmonies

Analogous

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



106, 133, 200



150, 134, 191



182, 124, 169

Triad

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



150, 134, 191



183, 163, 92



53, 109, 158

Complementary

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



150, 134, 191



134, 191, 150

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.



93, 139, 156



150, 134, 191



106, 159, 84

Square

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



150, 134, 191



197, 125, 112



93, 150, 115



18, 91, 173

Rectangle

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



150, 134, 191



194, 121, 150



93, 150, 115



67, 119, 158

Sweetspot

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



150, 134, 191



231, 225, 247



134, 158, 191



115, 111, 125



252, 252, 252



125, 125, 125

Same Dimension

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



150, 134, 191



183, 158, 247



178, 134, 191



88, 85, 94



44, 0, 158



9, 0, 31

Inverse Universe

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



191, 134, 175



247, 158, 222



134, 191, 178



94, 85, 92



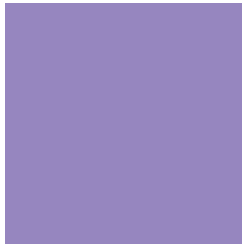
158, 0, 114



31, 0, 22

Previews

White Background



This preview shows how the RYB color 150, 134, 191 looks on a white background.

Color Contrast Check

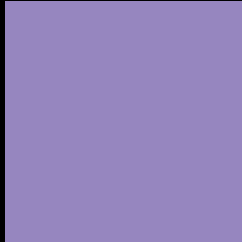
Large Text (above 18pt) WCAG AA ✓ Pass

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 150, 134, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

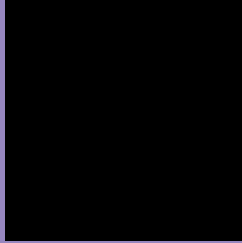
Any Text WCAG AA ✓ Pass

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 150, 134, 191 Background



This preview shows how black text looks on a background with the RYB color 150, 134, 191.



This preview shows how white text looks on a background with the RYB color 150, 134, 191.

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
150, 134, 191

Protanopia
126, 138, 196

Deuteranopia
131, 139, 190



Tritanopia
143, 141, 153

Trichromacy



Original Color
150, 134, 191

Protanomaly
135, 138, 194

Deuteranomaly
138, 138, 190

Tritanomaly
146, 138, 167

Monochromacy



Original Color
150, 134, 191

Achromatopsia
145, 145, 145

Achromatomaly
147, 141, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 134, 191 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(150, 134, 191) looks like.

```
.text, #text, p{  
    color:rgb(150, 134, 191)  
}
```

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(150, 134, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 134, 191) }
```

Border

The CSS property to change the border of an element to RYB 150, 134, 191 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(150, 134, 191) }
```

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

```
.border{ border-color:rgb(150, 134, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 134, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 134, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 134, 191);  
box-shadow:4px 4px 4px 4px rgb(150, 134,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 150, 134, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 134, 191) }
```

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

```
.background{ background-color: rgb(150,  
134, 191) }
```

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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