

Converting Colors

`RYB(131, 113, 193)`

Have a look what the booklet for RYB(131, 113, 193) contains.

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Color

R_{YB}(131, 113, 193)

Conversions

Conversions Part 1

Format	Color
Hex	8371C1
RGB	131, 113, 193
RGB Percent	51%, 44%, 76%
CMY	0.4863, 0.5569, 0.2431
CMYK	0.32, 0.41, 0.00, 0.24
HSL	253°, 39%, 60%
HSV	253°, 41%, 76%
XYZ	24.8908, 20.4858, 53.0943
YIQ	127.5020, -14.9520, 28.6960

Conversions

Conversions Part 2

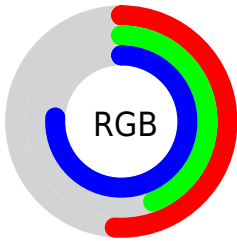
Format	Color
RYB	131, 113, 193
Decimal	8614337
CIELab	52.38, 25.14, -39.52
CIELCh	52, 46.839, 302.464
Yxy	20.4858, 0.2528, 0.2080
Android (android.graphics.Color)	4286804417 (0xFF8371C1)
YUV	127.5020, 32.2905, 3.0677
Hunter-Lab	45.2612, 18.9566, -37.8681

Details

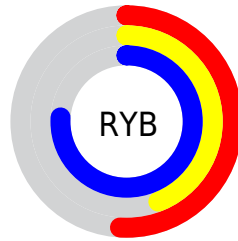
The RYB color **131, 113, 193** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **113, 193, 131**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **186, 165, 250**, and **78, 65, 139** is the 20% darker color. If you saturate the color by 10%, you get **116, 94, 193**, and if you desaturate by 10%, it is **146, 132, 193**.

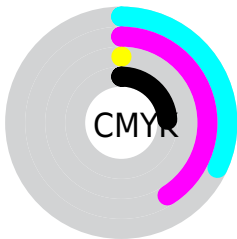
Distribution



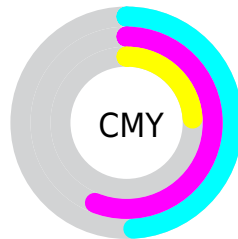
- Red (51%)
- Green (44%)
- Blue (76%)



- Red (51%)
- Yellow (44%)
- Blue (76%)



- Cyan (32%)
- Magenta (41%)
- Yellow (0%)
- Black (24%)




- Cyan (49%)
- Magenta (56%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 113, 193 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 131, 113, 193 by changing the saturation by 10% instead.

 131, 113, 193


255, 255, 255

 186, 165, 250

 214, 192, 255

 243, 220, 255

 255, 249, 255

 131, 113, 193

 104, 88, 166

 78, 65, 139

 52, 42, 113


 25, 21, 88


 0, 0, 64

 0, 3, 41

 0, 1, 20


 0, 0, 0


 131, 113, 193

 131, 113, 193

 116, 94, 193

 146, 132, 193


 101, 74, 193


 161, 152, 193

 86, 55, 193


 176, 171, 193

 71, 36, 193

 191, 190, 193

 56, 16, 193

 193, 209, 196

 43, 0, 193

 193, 229, 201

 193, 248, 205

 193, 255, 197

 193, 255, 193

Harmonies

Analogous

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



45, 100, 205



131, 113, 193



177, 97, 163

Triad

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



131, 113, 193



176, 156, 53



0, 77, 145

Complementary

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



131, 113, 193



113, 193, 131

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.



43, 112, 142



131, 113, 193



64, 144, 39

Square

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



131, 113, 193



196, 96, 84



53, 135, 85



0, 77, 167

Rectangle

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



131, 113, 193



193, 90, 137



53, 135, 85



0, 81, 144

Sweetspot

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



131, 113, 193



227, 220, 250



113, 148, 193



111, 107, 125



252, 252, 252



125, 125, 125

Same Dimension

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



131, 113, 193



153, 125, 250



170, 113, 193



89, 87, 97



36, 0, 161



7, 0, 33

Inverse Universe

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



193, 113, 175



250, 125, 222



113, 193, 170



97, 87, 95



161, 0, 125



33, 0, 26

Previews

White Background



This preview shows how the RYB color 131, 113, 193 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 131, 113, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

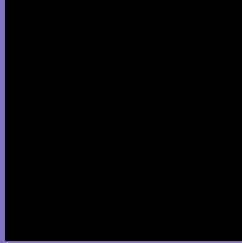
Any Text WCAG AA ✓ Pass

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 131, 113, 193 Background



This preview shows how black text looks on a background with the RYB color 131, 113, 193.

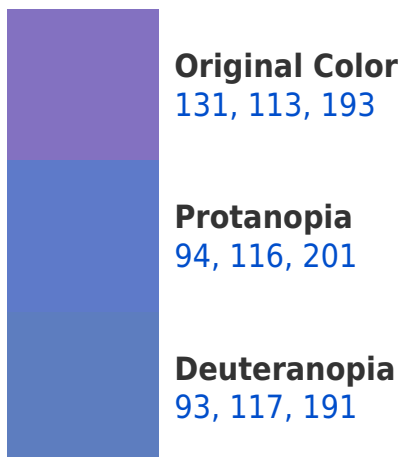



This preview shows how white text looks on a background with the RYB color 131, 113, 193.

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





Tritanopia
119, 123, 135

Trichromacy



Original Color
131, 113, 193

Protanomaly
107, 118, 198

Deuteranomaly
107, 119, 192

Tritanomaly
123, 121, 156

Monochromacy



Original Color
131, 113, 193

Achromatopsia
128, 128, 128

Achromatomaly
129, 123, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 113, 193 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(131, 113, 193)` looks like.

```
.text, #text, p{  
    color:rgb(131, 113, 193)  
}
```

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(131, 113, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 113, 193) }
```

Border

The CSS property to change the border of an element to RYB 131, 113, 193 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(131, 113, 193) }
```

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

```
.border{ border-color:rgb(131, 113, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 113, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 113, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 113, 193);  
box-shadow:4px 4px 4px 4px rgb(131, 113,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 131, 113, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 113, 193) }
```

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

```
.background{ background-color: rgb(131,  
113, 193) }
```

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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