

Converting Colors

`RYB(197, 127, 241)`

Have a look what the booklet for RYB(197, 127, 241) contains.

RYB(197, 127, 241)	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(197, 127, 241)

Conversions

Conversions Part 1

Format	Color
Hex	C57FF1
RGB	197, 127, 241
RGB Percent	77%, 50%, 95%
CMY	0.2275, 0.5020, 0.0549
CMYK	0.18, 0.47, 0.00, 0.05
HSL	277°, 80%, 72%
HSV	277°, 47%, 95%
XYZ	46.4925, 33.3999, 87.2155
YIQ	160.9260, 5.1260, 50.2940

Conversions

Conversions Part 2

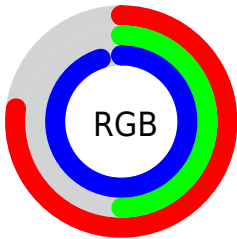
Format	Color
R_{YB}	197, 127, 241
Decimal	12943345
CIE _{Lab}	64.48, 47.05, -46.98
CIE _{LCh}	64, 66.485, 315.044
Yxy	33.3999, 0.2782, 0.1999
Android (android.graphics.Color)	4291133425 (0xFFC57FF1)
YUV	160.9260, 39.4765, 31.6369
Hunter-Lab	57.7927, 42.4608, -49.0202

Details

The RYB color **197, 127, 241** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **127, 241, 197**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 181, 255**, and **141, 75, 184** is the 20% darker color. If you saturate the color by 10%, you get **188, 103, 241**, and if you desaturate by 10%, it is **206, 151, 241**.

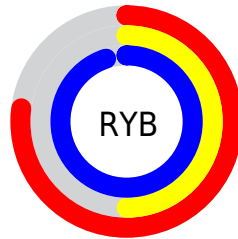
Distribution



Red (77%)

Green (50%)

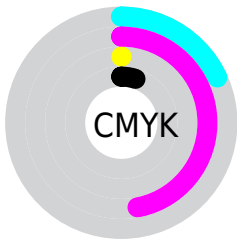
Blue (95%)



Red (77%)

Yellow (50%)

Blue (95%)

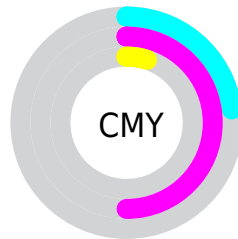


Cyan (18%)

Magenta (47%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (50%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 127, 241 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 197, 127, 241 by changing the saturation by 10% instead.


 197, 127, 241


255, 255, 255


 255, 181, 255


 255, 209, 255

 255, 238, 255

 197, 127, 241

 169, 101, 212

 141, 75, 184

 113, 50, 157

 87, 23, 130

 60, 0, 105

 34, 0, 80

 0, 0, 56

 0, 2, 34

 0, 0, 7

197, 127, 241

197, 127, 241

188, 103, 241

206, 151, 241

178, 79, 241

216, 175, 241

169, 55, 241

225, 199, 241

160, 31, 241

234, 223, 241

150, 7, 241

241, 248, 245

148, 0, 241

241, 255, 243

241, 255, 241

Harmonies

Analogous

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



93, 137, 255



197, 127, 241



248, 103, 189

Triad

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



197, 127, 241



134, 210, 28



0, 92, 185

Complementary

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



197, 127, 241



127, 241, 197

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.



0, 108, 182



197, 127, 241



19, 163, 24

Square

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



197, 127, 241



248, 133, 74



66, 176, 154



0, 103, 239

Rectangle

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



197, 127, 241



255, 97, 149



66, 176, 154



0, 97, 184

Sweetspot

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



197, 127, 241



241, 219, 255



127, 160, 241



119, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 127, 241



199, 110, 255



241, 127, 230



115, 108, 120



113, 0, 184



34, 0, 56

Inverse Universe

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



241, 127, 171



255, 110, 166



127, 231, 241



120, 108, 112



184, 0, 71



56, 0, 22

Previews

White Background



This preview shows how the RYB color 197, 127, 241 looks on a white background.

Color Contrast Check

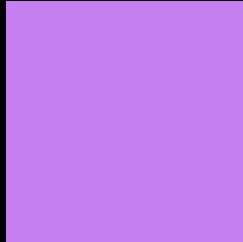
Large Text (above 18pt) WCAG AA × Fail

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 197, 127, 241 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 197, 127, 241 Background



This preview shows how black text looks on a background with the RYB color 197, 127, 241.

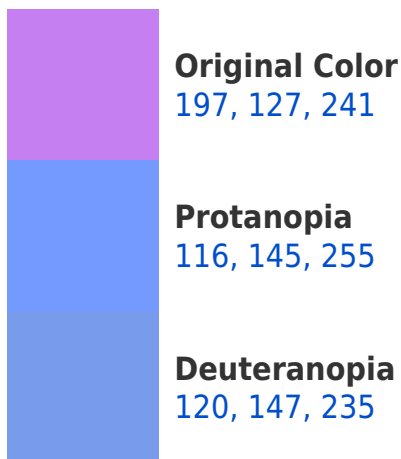


This preview shows how white text looks on a background with the RYB color 197, 127, 241.

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
184, 146, 158

Trichromacy



Original Color

197, 127, 241



Protanomaly

145, 144, 250



Deuteranomaly

148, 145, 237



Tritanomaly

189, 139, 188

Monochromacy



Original Color

197, 127, 241



Achromatopsia

161, 161, 161



Achromatomaly

174, 149, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 127, 241 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(197, 127, 241)` looks like.

```
.text, #text, p{  
    color:rgb(197, 127, 241)  
}
```

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(197, 127, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 127, 241) }
```

Border

The CSS property to change the border of an element to RYB 197, 127, 241 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(197, 127, 241) }
```

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

```
.border{ border-color:rgb(197, 127, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 127, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 127, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 127, 241);  
box-shadow:4px 4px 4px 4px rgb(197, 127,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 197, 127, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 127, 241) }
```

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

```
.background{ background-color: rgb(197,  
127, 241) }
```

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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