

Converting Colors

`RYB(211, 154, 255)`

Have a look what the booklet for
RYB(211, 154, 255) contains.

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Color

R_YB(211, 154, 255)

Conversions

Conversions Part 1

Format	Color
Hex	D39AFF
RGB	211, 154, 255
RGB Percent	83%, 60%, 100%
CMY	0.1725, 0.3961, 0.0000
CMYK	0.17, 0.40, 0.00, 0.00
HSL	274°, 100%, 80%
HSV	274°, 40%, 100%
XYZ	56.4696, 44.1801, 100.1591
YIQ	182.5570, 1.5510, 43.4950

Conversions

Conversions Part 2

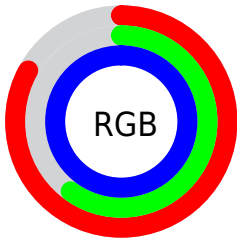
Format	Color
R _Y B	211, 154, 255
Decimal	13867775
CIE Lab	72.35, 39.52, -42.18
CIE LCh	72, 57.805, 313.134
Yxy	44.1801, 0.2812, 0.2200
Android (android.graphics.Color)	4292057855 (0xFFD39AFF)
YUV	182.5570, 35.7144, 24.9445
Hunter-Lab	66.4681, 35.3298, -42.8149

Details

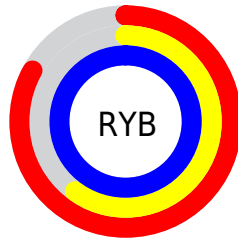
The RYB color **211, 154, 255** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **154, 255, 211**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 209, 255**, and **155, 102, 198** is the 20% darker color. If you saturate the color by 10%, you get **200, 129, 255**, and if you desaturate by 10%, it is **222, 179, 255**.

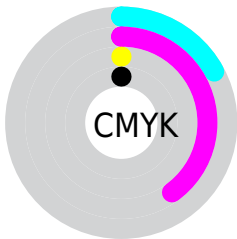
Distribution



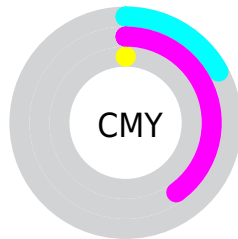
- Red (83%)
- Green (60%)
- Blue (100%)



- Red (83%)
- Yellow (60%)
- Blue (100%)



- Cyan (17%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)




- Cyan (17%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 154, 255 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 211, 154, 255 by changing the saturation by 10% instead.


 211, 154, 255

255, 255, 255


 255, 209, 255


 255, 238, 255

 211, 154, 255

 183, 127, 226

 155, 102, 198

 128, 77, 170

 101, 52, 143

 75, 28, 117

 49, 2, 92

 25, 0, 68

 0, 0, 45

 0, 1, 23

■ 211, 154, 255

■ 211, 154, 255

■ 200, 129, 255

■ 222, 179, 255

■ 189, 103, 255

■ 233, 205, 255

■ 178, 78, 255

■ 244, 231, 255

■ 167, 52, 255

255, 255, 255

■ 155, 26, 255

■ 144, 1, 255

■ 144, 0, 255

Harmonies

Analogous

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



127, 162, 255



211, 154, 255



255, 136, 209

Triad

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



211, 154, 255



193, 232, 74



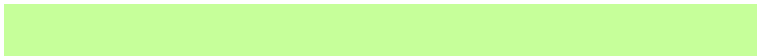
0, 103, 204

Complementary

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



211, 154, 255



154, 255, 211

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.



5, 120, 202



211, 154, 255



71, 185, 68

Square

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



211, 154, 255



255, 156, 107



97, 195, 166



0, 111, 248

Rectangle

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



211, 154, 255



255, 131, 174



97, 195, 166



0, 108, 204

Sweetspot

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



211, 154, 255



242, 224, 255



154, 185, 255



120, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



211, 154, 255



202, 133, 255



255, 154, 250



122, 115, 128



108, 0, 191



36, 0, 64

Inverse Universe

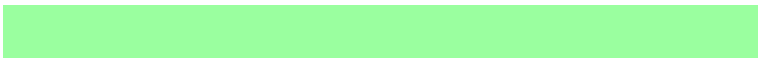
The Inverse Universe completely reimagines the original color for something new.



255, 154, 198



255, 133, 186



154, 250, 255



128, 115, 120



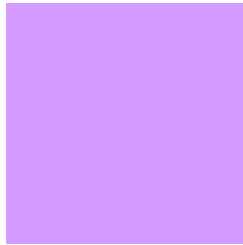
191, 0, 83



64, 0, 28

Previews

White Background



This preview shows how the RYB color 211, 154, 255 looks on a white background.

Color Contrast Check

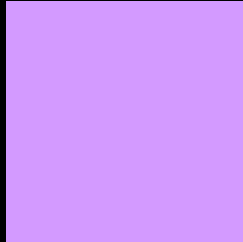
Large Text (above 18pt) WCAG AA × Fail

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 211, 154, 255 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 211, 154, 255 Background



This preview shows how black text looks on a background with the RYB color 211, 154, 255.



This preview shows how white text looks on a background with the RYB color 211, 154, 255.

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
211, 154, 255

Protanopia
151, 171, 255

Deuteranopia
151, 171, 251



Tritanopia
199, 169, 183

Trichromacy



Original Color

211, 154, 255



Protanomaly

173, 167, 255



Deuteranomaly

173, 168, 252

Tritanomaly

203, 164, 209

Monochromacy



Original Color

211, 154, 255



Achromatopsia

183, 183, 183



Achromatomaly

193, 172, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 154, 255 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(211, 154, 255) looks like.

```
.text, #text, p{  
    color:rgb(211, 154, 255)  
}
```

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(211, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 154, 255) }
```

Border

The CSS property to change the border of an element to RYB 211, 154, 255 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(211, 154, 255) }
```

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

```
.border{ border-color:rgb(211, 154, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 154, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 154, 255); box-shadow:4px 4px 4px 4px rgb(211, 154, 255) }
```

Background

The CSS property to change the background color of an element to RYB 211, 154, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 154, 255) }
```

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

```
.background{ background-color: rgb(211,  
154, 255) }
```

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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