

Converting Colors

`RYB(155, 137, 228)`

Have a look what the booklet for
RYB(155, 137, 228) contains.

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Color

R_YB(155, 137, 228)

Conversions

Conversions Part 1

Format	Color
Hex	9B89E4
RGB	155, 137, 228
RGB Percent	61%, 54%, 89%
CMY	0.3922, 0.4627, 0.1059
CMYK	0.32, 0.40, 0.00, 0.11
HSL	252°, 63%, 72%
HSV	252°, 40%, 89%
XYZ	36.4668, 30.4613, 77.3564
YIQ	152.7560, -18.4830, 32.1170

Conversions

Conversions Part 2

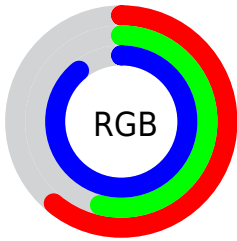
Format	Color
RYB	155, 137, 228
Decimal	10193380
CIELab	62.05, 26.90, -43.89
CIELCh	62, 51.477, 301.500
Yxy	30.4613, 0.2527, 0.2111
Android (android.graphics.Color)	4288383460 (0xFF9B89E4)
YUV	152.7560, 37.0953, 1.9680
Hunter-Lab	55.1918, 21.3546, -44.4662

Details

The RYB color **155, 137, 228** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **137, 228, 155**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **211, 191, 255**, and **101, 87, 172** is the 20% darker color. If you saturate the color by 10%, you get **137, 114, 228**, and if you desaturate by 10%, it is **173, 160, 228**.

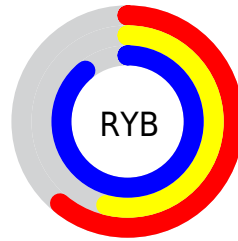
Distribution



Red (61%)

Green (54%)

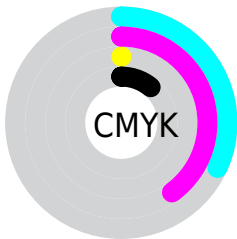
Blue (89%)



Red (61%)

Yellow (54%)

Blue (89%)

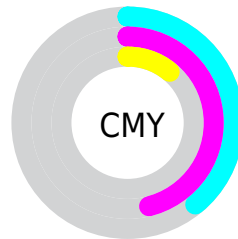


Cyan (32%)

Magenta (40%)

Yellow (0%)

Black (11%)



Cyan (39%)


Magenta (46%)

Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the RYB color 155, 137, 228 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 155, 137, 228 by changing the saturation by 10% instead.

 155, 137, 228

255, 255, 255


 211, 191, 255

 241, 218, 255

 255, 247, 255

 155, 137, 228

 128, 111, 200

 101, 87, 172

 74, 63, 145

 47, 41, 119

 14, 20, 94

 0, 0, 70

 0, 4, 46

 0, 1, 25

 0, 0, 0

■ 155, 137, 228

■ 155, 137, 228

■ 137, 114, 228

■ 173, 160, 228

■ 118, 91, 228

■ 192, 183, 228

■ 100, 69, 228

■ 210, 205, 228

■ 82, 46, 228

■ 228, 228, 228

■ 64, 23, 228

■ 228, 251, 233

■ 45, 0, 228

■ 228, 255, 228

Harmonies

Analogous

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



59, 121, 241



155, 137, 228



208, 119, 194

Triad

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



155, 137, 228



210, 183, 69



0, 92, 172

Complementary

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



155, 137, 228



137, 228, 155

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.



63, 139, 169



155, 137, 228



86, 173, 54

Square

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



155, 137, 228



231, 117, 105



68, 161, 102



0, 92, 196

Rectangle

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



155, 137, 228



227, 111, 165



68, 161, 102



0, 96, 172

Sweetspot

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



155, 137, 228



230, 224, 255



137, 178, 228



113, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



155, 137, 228



157, 133, 255



199, 137, 228



106, 103, 115



35, 0, 179



10, 0, 51

Inverse Universe

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



228, 137, 210



255, 133, 231



137, 228, 199



115, 103, 112



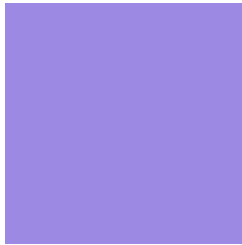
179, 0, 143



51, 0, 41

Previews

White Background



This preview shows how the RYB color 155, 137, 228 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 155, 137, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

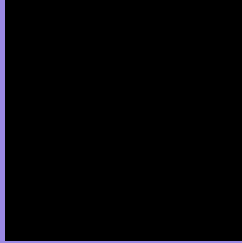
Any Text WCAG AA ✓ Pass

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 155, 137, 228 Background



This preview shows how black text looks on a background with the RYB color 155, 137, 228.

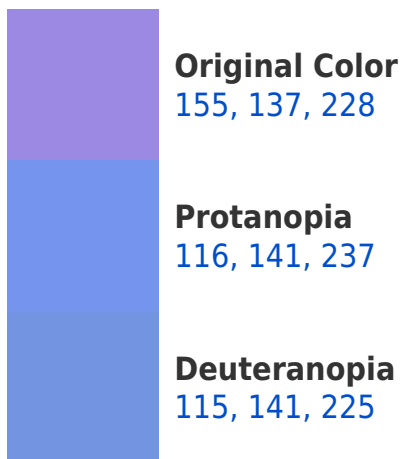


This preview shows how white text looks on a background with the RYB color 155, 137, 228.

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
141, 148, 163

Trichromacy



Original Color
155, 137, 228

Protanomaly
130, 142, 234

Deuteranomaly
130, 143, 226

Tritanomaly
146, 146, 187

Monochromacy



Original Color
155, 137, 228

Achromatopsia
153, 153, 153

Achromatomaly
154, 147, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 137, 228 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(155, 137, 228)` looks like.

```
.text, #text, p{  
    color:rgb(155, 137, 228)  
}
```

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(155, 137, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 137, 228) }
```

Border

The CSS property to change the border of an element to RYB 155, 137, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

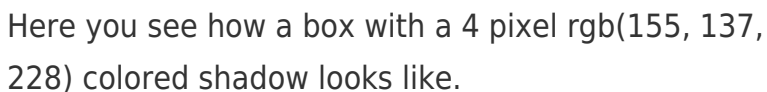
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 137, 228) }
```

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

```
.border{ border-color:rgb(155, 137, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 137, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 137, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 137, 228); box-shadow:4px 4px 4px 4px rgb(155, 137, 228) }
```

Background

The CSS property to change the background color of an element to RYB 155, 137, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 137, 228) }
```

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

```
.background{ background-color: rgb(155,  
137, 228) }
```

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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