

Converting Colors

`RYB(155, 133, 188)`

Have a look what the booklet for
RYB(155, 133, 188) contains.

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Color

R_YB(155, 133, 188)

Conversions

Conversions Part 1

Format	Color
Hex	9B85BC
RGB	155, 133, 188
RGB Percent	61%, 52%, 74%
CMY	0.3922, 0.4784, 0.2627
CMYK	0.18, 0.29, 0.00, 0.26
HSL	264°, 29%, 63%
HSV	264°, 29%, 74%
XYZ	30.9822, 27.3745, 51.2278
YIQ	145.8480, -4.5430, 21.7690

Conversions

Conversions Part 2

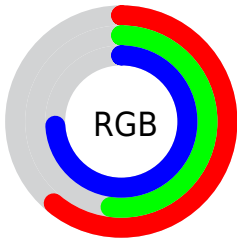
Format	Color
R_{YB}	155, 133, 188
Decimal	10192316
CIE _{Lab}	59.32, 19.46, -25.69
CIE _{LCh}	59, 32.227, 307.135
Yxy	27.3745, 0.2827, 0.2498
Android (android.graphics.Color)	4288382396 (0xFF9B85BC)
YUV	145.8480, 20.7809, 8.0263
Hunter-Lab	52.3206, 14.1396, -21.4272

Details

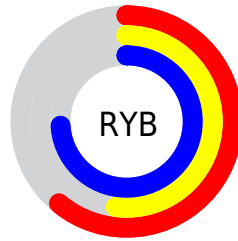
The RYB color **155, 133, 188** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **133, 188, 155**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **210, 186, 244**, and **103, 83, 135** is the 20% darker color. If you saturate the color by 10%, you get **144, 114, 188**, and if you desaturate by 10%, it is **166, 152, 188**.

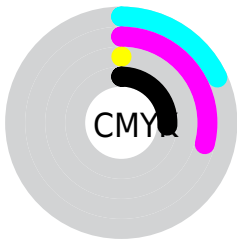
Distribution



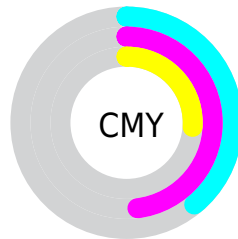
- Red (61%)
- Green (52%)
- Blue (74%)



- Red (61%)
- Yellow (52%)
- Blue (74%)



- Cyan (18%)
- Magenta (29%)
- Yellow (0%)
- Black (26%)



- Cyan (39%)
- Magenta (48%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 133, 188 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, 133, 188 by changing the saturation by 10% instead.

 155, 133, 188

255, 255, 255

 210, 186, 244

 239, 214, 255


 255, 242, 255


 155, 133, 188


 129, 108, 161

 103, 83, 135

 78, 60, 109

 54, 38, 85

 31, 17, 61

 11, 0, 39

 0, 1, 16

 0, 0, 0

 155, 133, 188

 155, 133, 188

144, 114, 188

166, 152, 188

132, 95, 188

178, 171, 188

121, 77, 188

188, 189, 188

110, 58, 188

188, 208, 196

99, 39, 188

188, 227, 204

87, 20, 188

188, 246, 211

76, 1, 188

188, 255, 209

75, 0, 188

188, 255, 198

188, 255, 188

Harmonies

Analogous

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



113, 135, 199



155, 133, 188



184, 124, 165

Triad

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



155, 133, 188



180, 174, 91



52, 107, 158

Complementary

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



155, 133, 188



133, 188, 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.



90, 135, 156



155, 133, 188



101, 155, 86

Square

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



155, 133, 188



195, 128, 110



97, 151, 124



28, 97, 176

Rectangle

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



155, 133, 188



195, 121, 147



97, 151, 124



65, 117, 158

Sweetspot

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



155, 133, 188



232, 223, 245



133, 154, 188



114, 109, 122



250, 250, 250



122, 122, 122

Same Dimension

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



155, 133, 188



193, 159, 245



182, 133, 188



89, 85, 94



63, 0, 158



12, 0, 31

Inverse Universe

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



188, 133, 166



245, 159, 211



133, 188, 182



94, 85, 91



158, 0, 95



31, 0, 18

Previews

White Background



This preview shows how the RYB color 155, 133, 188 looks on a white background.

Color Contrast Check

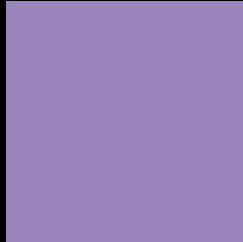
Large Text (above 18pt) WCAG AA ✓ Pass

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 155, 133, 188 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 155, 133, 188 Background



This preview shows how black text looks on a background with the RYB color 155, 133, 188.

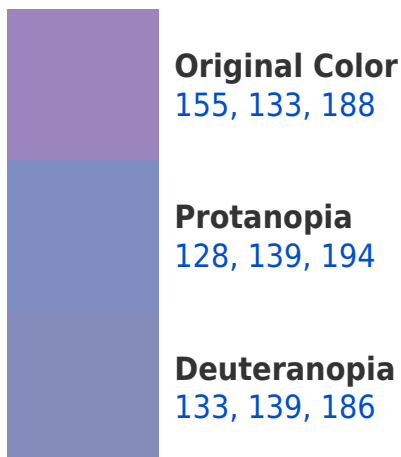



This preview shows how white text looks on a background with the RYB color 155, 133, 188.

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
149, 140, 151

Trichromacy



Original Color
155, 133, 188

Protanomaly
138, 138, 192

Deuteranomaly
141, 137, 187

Tritanomaly
151, 137, 164

Monochromacy



Original Color
155, 133, 188

Achromatopsia
146, 146, 146

Achromatomaly
149, 141, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 133, 188 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, 133, 188)` looks like.

```
.text, #text, p{  
    color:rgb(155, 133, 188)  
}
```

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, 133, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 133, 188) }
```

Border

The CSS property to change the border of an element to RYB 155, 133, 188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

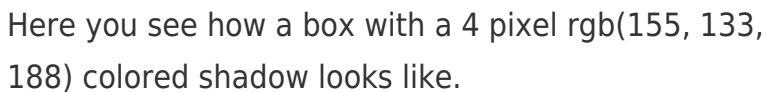
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 133, 188) }
```

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

```
.border{ border-color:rgb(155, 133, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 133, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 133, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 133, 188); box-shadow:4px 4px 4px 4px rgb(155, 133, 188) }
```

Background

The CSS property to change the background color of an element to RYB 155, 133, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 133, 188) }
```

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

```
.background{ background-color: rgb(155,  
133, 188) }
```

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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