

Converting Colors

`RYB(190, 133, 182)`

Have a look what the booklet for
RYB(190, 133, 182) contains.

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Color

R_YB(190, 133, 182)

Conversions

Conversions Part 1

Format	Color
Hex	BE85B6
RGB	190, 133, 182
RGB Percent	75%, 52%, 71%
CMY	0.2549, 0.4784, 0.2863
CMYK	0.00, 0.30, 0.04, 0.25
HSL	308°, 30%, 63%
HSV	308°, 30%, 75%
XYZ	38.0662, 31.0996, 48.2525
YIQ	155.6290, 18.2430, 27.3230

Conversions

Conversions Part 2

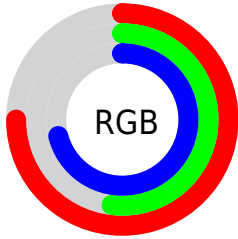
Format	Color
R _Y B	190, 133, 182
Decimal	12486070
CIE Lab	62.59, 29.80, -16.98
CIE LCh	63, 34.297, 330.327
Yxy	31.0996, 0.3242, 0.2649
Android (android.graphics.Color)	4290676150 (0xFFBE85B6)
YUV	155.6290, 13.0009, 30.1434
Hunter-Lab	55.7670, 24.2507, -12.2638

Details

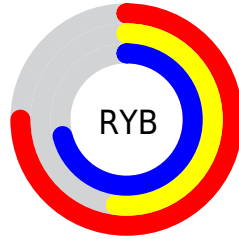
The RYB color **190, 133, 182** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **133, 183, 190**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **247, 187, 238**, and **136, 82, 129** is the 20% darker color. If you saturate the color by 10%, you get **190, 114, 179**, and if you desaturate by 10%, it is **190, 152, 185**.

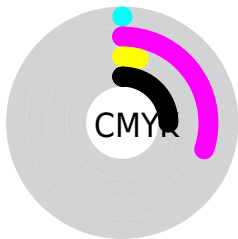
Distribution



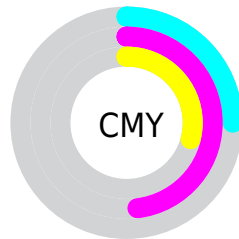
- Red (75%)
- Green (52%)
- Blue (71%)



- Red (75%)
- Yellow (52%)
- Blue (71%)



- Cyan (0%)
- Magenta (30%)
- Yellow (4%)
- Black (25%)



- Cyan (25%)
- Magenta (48%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 133, 182 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 190, 133, 182 by changing the saturation by 10% instead.

 190, 133, 182

255, 255, 255

 247, 187, 238

 255, 215, 255


 255, 243, 255


 190, 133, 182

 162, 107, 155

 136, 82, 129

 110, 58, 104

 85, 35, 80

 60, 11, 57


 39, 0, 35

 0, 0, 10


 0, 0, 0


 190, 133, 182


 190, 133, 182


 190, 114, 179


 190, 152, 185

 190, 95, 177


 190, 171, 187

 190, 76, 174


 190, 190, 190

 190, 57, 171

 190, 206, 209

 190, 38, 169

 190, 224, 228

 190, 19, 166

 190, 240, 247

 190, 0, 163

 190, 246, 255

 190, 244, 255

 190, 242, 255

Harmonies

Analogous

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



155, 143, 204



190, 133, 182



208, 128, 152

Triad

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



190, 133, 182



118, 171, 90



22, 98, 181

Complementary

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



190, 133, 182



133, 183, 190

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.



62, 120, 168



190, 133, 182



98, 159, 118

Square

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



190, 133, 182



196, 167, 99



103, 152, 165



54, 117, 203

Rectangle

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



190, 133, 182



211, 129, 132



103, 152, 165



32, 101, 171

Sweetspot

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



190, 133, 182



247, 225, 244



141, 133, 190



125, 111, 123



252, 252, 252



125, 125, 125

Same Dimension

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



190, 133, 182



247, 158, 235



190, 133, 154



94, 85, 93



158, 0, 136



31, 0, 26

Inverse Universe

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



190, 133, 182



247, 158, 235



133, 168, 190



94, 85, 93



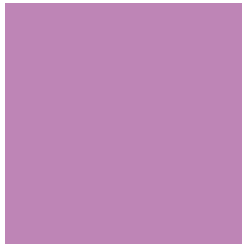
158, 0, 136



31, 0, 26

Previews

White Background



This preview shows how the RYB color 190, 133, 182 looks on a white background.

Color Contrast Check

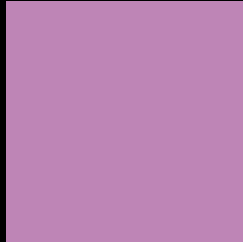
Large Text (above 18pt) WCAG AA × Fail

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 190, 133, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

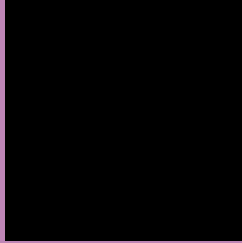
Any Text WCAG AA ✓ Pass

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 190, 133, 182 Background



This preview shows how black text looks on a background with the RYB color 190, 133, 182.

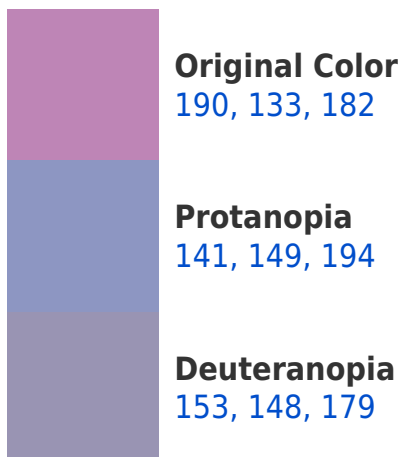


This preview shows how white text looks on a background with the RYB color 190, 133, 182.

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
186, 139, 150

Trichromacy



Original Color
190, 133, 182

Protanomaly
159, 144, 190

Deuteranomaly
166, 143, 180

Tritanomaly
187, 137, 162

Monochromacy



Original Color
190, 133, 182

Achromatopsia
156, 156, 156

Achromatomaly
168, 148, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 133, 182 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(190, 133, 182)` looks like.

```
.text, #text, p{  
    color:rgb(190, 133, 182)  
}
```

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(190, 133, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 133, 182) }
```

Border

The CSS property to change the border of an element to RYB 190, 133, 182 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(190, 133, 182) }
```

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

```
.border{ border-color:rgb(190, 133, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 133, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 133, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 133, 182);  
box-shadow:4px 4px 4px 4px rgb(190, 133,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 190, 133, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 133, 182) }
```

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

```
.background{ background-color: rgb(190,  
133, 182) }
```

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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