

Converting Colors

`RYB(131, 181, 175)`

Have a look what the booklet for
RYB(131, 181, 175) contains.

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Color

$\text{RYB}(131, 181, 175)$

Conversions

Conversions Part 1

Format	Color
Hex	89B583
RGB	137, 181, 131
RGB Percent	54%, 71%, 51%
CMY	0.4627, 0.2902, 0.4863
CMYK	0.24, 0.00, 0.28, 0.29
HSL	113°, 25%, 61%
HSV	113°, 28%, 71%
XYZ	30.9371, 40.0048, 27.5639
YIQ	162.1440, -10.1740, -24.8780

Conversions

Conversions Part 2

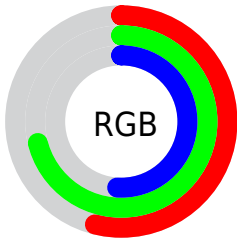
Format	Color
RYB	131, 181, 175
Decimal	9024899
CIELab	69.47, -24.48, 20.85
CIELCh	69, 32.152, 139.578
Yxy	40.0048, 0.3141, 0.4061
Android (android.graphics.Color)	4287214979 (0xFF89B583)
YUV	162.1440, -15.3540, -22.0513
Hunter-Lab	63.2494, -23.3767, 18.4362

Details

The RYB color **131, 181, 175** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **175, 131, 181**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **184, 237, 230**, and **81, 128, 123** is the 20% darker color. If you saturate the color by 10%, you get **113, 181, 173**, and if you desaturate by 10%, it is **149, 181, 177**.

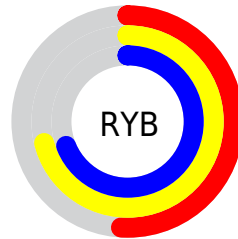
Distribution



Red (54%)

Green (71%)

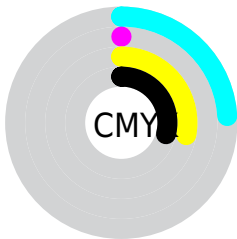
Blue (51%)



Red (51%)

Yellow (71%)

Blue (69%)

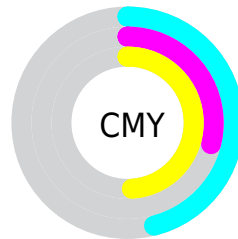


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (29%)



Cyan (46%)

Magenta (29%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 181, 175 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 131, 181, 175 by changing the saturation by 10% instead.

 131, 181, 175

255, 255, 255


 184, 237, 230


 212, 255, 248

 240, 255, 247

 131, 181, 175

 106, 154, 149

 81, 128, 123


 58, 103, 100

 36, 78, 77

 12, 53, 55

 0, 34, 34


 0, 0, 0

 131, 181, 175


 113, 181, 173

 131, 181, 175


 149, 181, 177


 95, 181, 171


 167, 181, 179

 77, 181, 169


 185, 181, 185

 59, 181, 167


 201, 181, 203

 40, 181, 164


 217, 181, 221

 22, 181, 162

 233, 181, 240

 4, 181, 159

 248, 181, 255

 0, 181, 159

 255, 181, 255

Harmonies

Analogous

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



114, 174, 118



131, 181, 175



102, 152, 185

Triad

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



131, 181, 175



115, 154, 226



228, 148, 152

Complementary

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



131, 181, 175



175, 131, 181

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.



220, 149, 181



131, 181, 175



159, 165, 224

Square

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



131, 181, 175



78, 137, 213



197, 156, 208



220, 168, 126

Rectangle

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



131, 181, 175



82, 136, 186



197, 156, 208



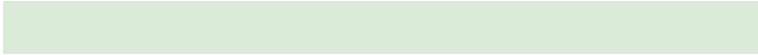
227, 148, 161

Sweetspot

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



131, 181, 175



216, 235, 233



139, 181, 131



106, 117, 116



245, 245, 245



117, 117, 117

Same Dimension

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



131, 181, 175



157, 235, 226



131, 168, 181



80, 89, 88



0, 153, 135



0, 26, 23

Inverse Universe

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



175, 131, 181



225, 157, 235



181, 131, 163



88, 80, 89



135, 0, 153



22, 0, 26

Previews

White Background



This preview shows how the RYB color 131, 181, 175 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 131, 181, 175 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 131, 181, 175 Background



This preview shows how black text looks on a background with the RYB color 131, 181, 175.

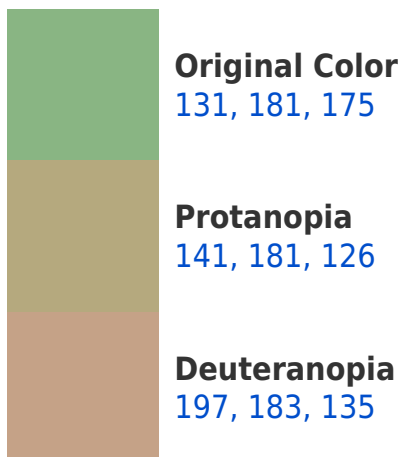


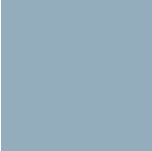
This preview shows how white text looks on a background with the RYB color 131, 181, 175.

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
147, 163, 188

Trichromacy



Original Color
131, 181, 175

Protanomaly
128, 173, 136

Deuteranomaly
141, 175, 134

Tritanomaly
143, 163, 177

Monochromacy



Original Color
131, 181, 175

Achromatopsia
162, 162, 162

Achromatomaly
151, 169, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 181, 175 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(137, 181, 131)` looks like.

```
.text, #text, p{  
    color:rgb(137, 181, 131)  
}
```

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(137, 181, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 181, 131) }
```

Border

The CSS property to change the border of an element to RYB 131, 181, 175 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(137, 181, 131) }
```

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

```
.border{ border-color:rgb(137, 181, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 181, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 181, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 181, 131);  
box-shadow:4px 4px 4px 4px rgb(137, 181,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 131, 181, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 181, 131) }
```

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

```
.background{ background-color: rgb(137,  
181, 131) }
```

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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