

Converting Colors

`RYB(180, 155, 171)`

Have a look what the booklet for
RYB(180, 155, 171) contains.

| | |
|--|----|
| RYB(180, 155, 171) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

R_YB(180, 155, 171)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B49BAB |
| RGB | 180, 155, 171 |
| RGB Percent | 71%, 61%, 67% |
| CMY | 0.2941, 0.3922, 0.3294 |
| CMYK | 0.00, 0.14, 0.05, 0.29 |
| HSL | 322°, 14%, 66% |
| HSV | 322°, 14%, 71% |
| XYZ | 37.8944, 36.0863, 43.4962 |
| YIQ | 164.2990, 9.7640, 10.2760 |

Conversions

Conversions Part 2

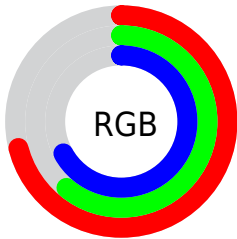
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 180, 155, 171 |
| Decimal | 11836331 |
| CIELab | 66.59, 12.03, -4.91 |
| CIELCh | 67, 12.990, 337.803 |
| Yxy | 36.0863, 0.3226, 0.3072 |
| Android (android.graphics.Color) | 4290026411 (0xFFB49BAB) |
| YUV | 164.2990, 3.3036, 13.7698 |
| Hunter-Lab | 60.0718, 7.4754, -0.8798 |

Details

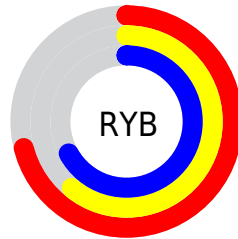
The RYB color **180, 155, 171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 173, 180**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **236, 209, 226**, and **127, 104, 119** is the 20% darker color. If you saturate the color by 10%, you get **180, 137, 165**, and if you desaturate by 10%, it is **180, 173, 177**.

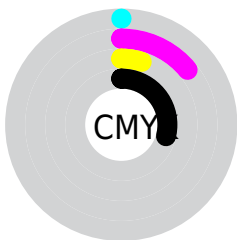
Distribution



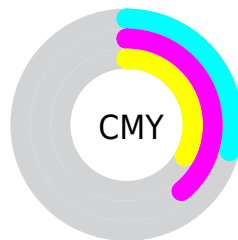
- Red (71%)
- Green (61%)
- Blue (67%)



- Red (71%)
- Yellow (61%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (29%)



- Cyan (29%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 155, 171 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 180, 155, 171 by changing the saturation by 10% instead.

 180, 155, 171

255, 255, 255

 236, 209, 226


 255, 238, 255

 180, 155, 171

 153, 129, 144

 127, 104, 119

 102, 80, 94

 78, 57, 71


 55, 35, 48

 33, 14, 27


 0, 0, 0


 180, 155, 171


 180, 137, 165

 180, 155, 171


 180, 173, 177

 180, 119, 158


 180, 188, 191

 180, 101, 152

 180, 202, 209

 180, 83, 145

 180, 215, 227

 180, 65, 139

 180, 228, 245

 180, 47, 132

 180, 234, 255

 180, 29, 126

 180, 231, 255

 180, 11, 119

 180, 228, 255

 180, 0, 115

 180, 225, 255

Harmonies

Analogous

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



168, 158, 180



180, 155, 171



186, 154, 159

Triad

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



180, 155, 171



147, 168, 139



133, 152, 176

Complementary

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



180, 155, 171



155, 173, 180

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.



134, 153, 169



180, 155, 171



143, 166, 154

Square

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



180, 155, 171



179, 172, 141



142, 160, 168



140, 156, 183

Rectangle

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



180, 155, 171



187, 155, 152



142, 160, 168



132, 151, 172

Sweetspot

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



180, 155, 171



235, 225, 231



164, 155, 180



117, 111, 115



245, 245, 245



117, 117, 117

Same Dimension

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



180, 155, 171



235, 195, 220



180, 155, 159



89, 80, 86



153, 0, 98



26, 0, 16

Inverse Universe

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



180, 155, 171



235, 195, 220



155, 169, 180



89, 80, 86



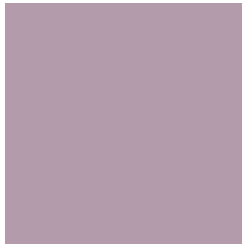
153, 0, 98



26, 0, 16

Previews

White Background



This preview shows how the RYB color 180, 155, 171 looks on a white background.

Color Contrast Check

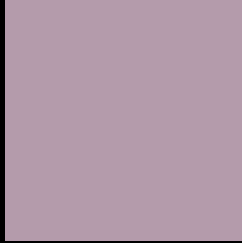
Large Text (above 18pt) WCAG AA × Fail

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 180, 155, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

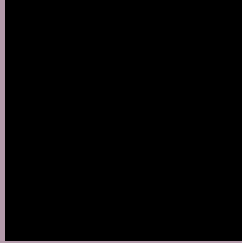
Any Text WCAG AA ✓ Pass

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 180, 155, 171 Background



This preview shows how black text looks on a background with the RYB color 180, 155, 171.



This preview shows how white text looks on a background with the RYB color 180, 155, 171.

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
180, 155, 171

Protanopia
161, 161, 175

Deuteranopia
174, 157, 171



Tritanopia
180, 156, 168

Trichromacy



Original Color

180, 155, 171

Protanomaly

168, 159, 174

Deuteranomaly

176, 156, 171

Tritanomaly

180, 156, 169

Monochromacy



Original Color

180, 155, 171

Achromatopsia

164, 164, 164

Achromatomaly

170, 161, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 155, 171 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(180, 155, 171) looks like.

```
.text, #text, p{  
    color:rgb(180, 155, 171)  
}
```

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(180, 155, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 155, 171) }
```

Border

The CSS property to change the border of an element to RYB 180, 155, 171 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(180, 155, 171) }
```

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

```
.border{ border-color:rgb(180, 155, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 155, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 155, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 155, 171);  
box-shadow:4px 4px 4px 4px rgb(180, 155,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 180, 155, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 155, 171) }
```

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

```
.background{ background-color: rgb(180,  
155, 171) }
```

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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