

Converting Colors

`RYB(161, 131, 172)`

Have a look what the booklet for RYB(161, 131, 172) contains.

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Color

R_YB(161, 131, 172)

Conversions

Conversions Part 1

Format	Color
Hex	A183AC
RGB	161, 131, 172
RGB Percent	63%, 51%, 67%
CMY	0.3686, 0.4863, 0.3255
CMYK	0.06, 0.24, 0.00, 0.33
HSL	284°, 20%, 59%
HSV	284°, 24%, 67%
XYZ	30.2606, 26.7882, 42.6055
YIQ	144.6440, 4.7190, 19.1110

Conversions

Conversions Part 2

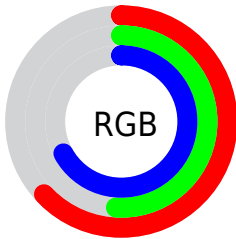
Format	Color
RYB	161, 131, 172
Decimal	10585004
CIELab	58.78, 19.10, -17.36
CIELCh	59, 25.807, 317.733
Yxy	26.7882, 0.3037, 0.2688
Android (android.graphics.Color)	4288775084 (0xFFA183AC)
YUV	144.6440, 13.4865, 14.3442
Hunter-Lab	51.7573, 13.7871, -12.5760

Details

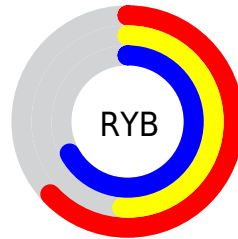
The RYB color **161, 131, 172** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **131, 172, 161**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **216, 184, 227**, and **109, 81, 120** is the 20% darker color. If you saturate the color by 10%, you get **156, 114, 172**, and if you desaturate by 10%, it is **166, 148, 172**.

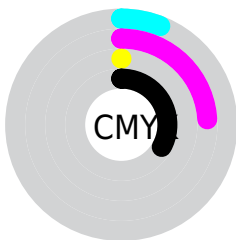
Distribution



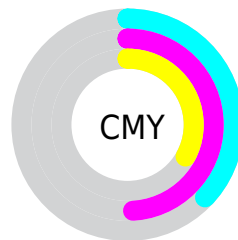
- Red (63%)
- Green (51%)
- Blue (67%)



- Red (63%)
- Yellow (51%)
- Blue (67%)



- Cyan (6%)
- Magenta (24%)
- Yellow (0%)
- Black (33%)



- Cyan (37%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 131, 172 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 161, 131, 172 by changing the saturation by 10% instead.

 161, 131, 172

255, 255, 255

 216, 184, 227

 245, 212, 255


 255, 240, 255

 161, 131, 172

 135, 106, 145

 109, 81, 120

 84, 58, 95

 61, 36, 71

 38, 15, 48

 17, 0, 28

 0, 0, 0

 161, 131, 172

 156, 114, 172

 161, 131, 172

 166, 148, 172

152, 97, 172

170, 165, 172

147, 79, 172

172, 183, 180

143, 62, 172

172, 200, 193

138, 45, 172

172, 217, 205

133, 28, 172

172, 234, 217

129, 11, 172

172, 251, 230

126, 0, 172

172, 255, 229

172, 255, 224

Harmonies

Analogous

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



132, 138, 184



161, 131, 172



180, 126, 152

Triad

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



161, 131, 172



147, 166, 97



72, 113, 154

Complementary

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



161, 131, 172



131, 172, 161

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.



92, 129, 153



161, 131, 172



98, 144, 98

Square

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



161, 131, 172



181, 137, 109



110, 150, 142



73, 117, 174

Rectangle

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



161, 131, 172



186, 125, 136



110, 150, 142



77, 117, 154

Sweetspot

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



161, 131, 172



220, 209, 224



131, 140, 172



110, 103, 112



240, 240, 240



112, 112, 112

Same Dimension

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



161, 131, 172



207, 159, 224



172, 131, 163



84, 78, 87



110, 0, 150



17, 0, 23

Inverse Universe

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



172, 131, 142



224, 159, 177



131, 165, 172



87, 78, 80



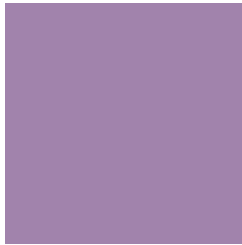
150, 0, 40



23, 0, 6

Previews

White Background



This preview shows how the RYB color 161, 131, 172 looks on a white background.

Color Contrast Check

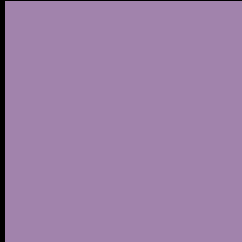
Large Text (above 18pt) WCAG AA ✓ Pass

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 161, 131, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

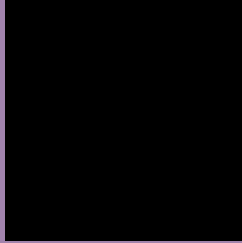
Any Text WCAG AA ✓ Pass

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 161, 131, 172 Background



This preview shows how black text looks on a background with the RYB color 161, 131, 172.



This preview shows how white text looks on a background with the RYB color 161, 131, 172.

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
161, 131, 172

Protanopia
132, 139, 178

Deuteranopia
141, 138, 171



Tritanopia
157, 136, 146

Trichromacy



Original Color
161, 131, 172

Protanomaly
143, 137, 176

Deuteranomaly
148, 135, 171

Tritanomaly
158, 134, 155

Monochromacy



Original Color
161, 131, 172

Achromatopsia
145, 145, 145

Achromatomaly
151, 140, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 131, 172 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(161, 131, 172)` looks like.

```
.text, #text, p{  
    color:rgb(161, 131, 172)  
}
```

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(161, 131, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 131, 172) }
```

Border

The CSS property to change the border of an element to RYB 161, 131, 172 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(161, 131, 172) }
```

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

```
.border{ border-color:rgb(161, 131, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 131, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 131, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 131, 172);  
box-shadow:4px 4px 4px 4px rgb(161, 131,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 161, 131, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 131, 172) }
```

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

```
.background{ background-color: rgb(161,  
131, 172) }
```

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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