

Converting Colors

`RYB(161, 140, 161)`

Have a look what the booklet for
RYB(161, 140, 161) contains.

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Color

R_YB(161, 140, 161)

Conversions

Conversions Part 1

Format	Color
Hex	A18CA1
RGB	161, 140, 161
RGB Percent	63%, 55%, 63%
CMY	0.3686, 0.4510, 0.3686
CMYK	0.00, 0.13, 0.00, 0.37
HSL	300°, 10%, 59%
HSV	300°, 13%, 63%
XYZ	30.5090, 28.9064, 37.6897
YIQ	148.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

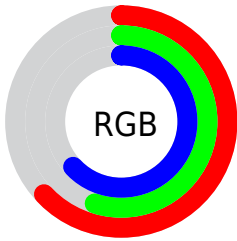
Format	Color
R _Y B	161, 140, 161
Decimal	10587297
CIE Lab	60.70, 11.75, -8.19
CIE LCh	61, 14.320, 325.127
Yxy	28.9064, 0.3142, 0.2977
Android (android.graphics.Color)	4288777377 (0xFFA18CA1)
YUV	148.6730, 6.0772, 10.8108
Hunter-Lab	53.7647, 7.2024, -3.9277

Details

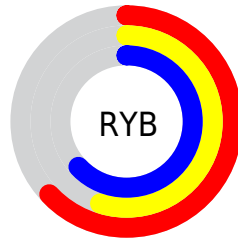
The RYB color **161, 140, 161** is a light color, and the websafe version is hex **999999**. A complement of this color would be **140, 161, 161**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **216, 194, 216**, and **109, 90, 109** is the 20% darker color. If you saturate the color by 10%, you get **161, 124, 161**, and if you desaturate by 10%, it is **161, 156, 161**.

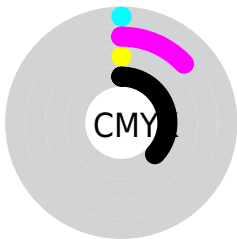
Distribution



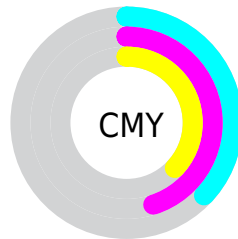
- Red (63%)
- Green (55%)
- Blue (63%)



- Red (63%)
- Yellow (55%)
- Blue (63%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (37%)




- Cyan (37%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 140, 161 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, 140, 161 by changing the saturation by 10% instead.


 161, 140, 161


255, 255, 255

 216, 194, 216

 244, 222, 244

 255, 250, 255

 161, 140, 161

 135, 114, 135

 109, 90, 109


 85, 66, 85


 62, 44, 62


 39, 23, 40


 20, 0, 20


 0, 0, 0


 161, 140, 161


 161, 124, 161


 161, 140, 161


 161, 156, 161

 161, 108, 161


 161, 172, 172

 161, 92, 161


 161, 188, 188

 161, 76, 161


 161, 204, 204

 161, 60, 161


 161, 221, 221

 161, 43, 161

 161, 237, 237

 161, 27, 161

 161, 253, 253

 161, 11, 161

 161, 255, 255

 161, 0, 161

Harmonies

Analogous

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



146, 144, 169



161, 140, 161



171, 138, 149

Triad

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



161, 140, 161



143, 159, 121



113, 134, 157

Complementary

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



161, 140, 161



140, 161, 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.



119, 139, 154



161, 140, 161



123, 149, 127

Square

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



161, 140, 161



169, 149, 126



130, 150, 152



117, 138, 167

Rectangle

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



161, 140, 161



173, 138, 140



130, 150, 152



114, 135, 154

Sweetspot

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



161, 140, 161



209, 201, 209



140, 140, 161



105, 99, 105



232, 232, 232



105, 105, 105

Same Dimension

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



161, 140, 161



209, 176, 209



161, 140, 151



82, 73, 82



145, 0, 145



18, 0, 18

Inverse Universe

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



161, 140, 161



209, 176, 209



140, 154, 161



82, 73, 82



145, 0, 145



18, 0, 18

Previews

White Background



This preview shows how the RYB color 161, 140, 161 looks on a white background.

Color Contrast Check

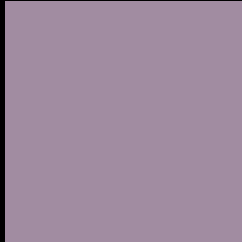
Large Text (above 18pt) WCAG AA ✓ Pass

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, 140, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

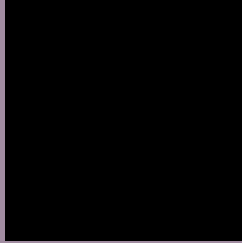
Any Text WCAG AA ✓ Pass

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, 140, 161 Background



This preview shows how black text looks on a background with the RYB color 161, 140, 161.



This preview shows how white text looks on a background with the RYB color 161, 140, 161.

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, 140, 161

Protanopia
144, 145, 164

Deuteranopia
154, 142, 161



Tritanopia
160, 141, 153

Trichromacy



Original Color

161, 140, 161

Protanomaly

150, 143, 163

Deuteranomaly

157, 141, 161

Tritanomaly

160, 141, 156

Monochromacy



Original Color

161, 140, 161

Achromatopsia

149, 149, 149

Achromatomaly

153, 146, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 140, 161 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, 140, 161) looks like.

```
.text, #text, p{  
    color:rgb(161, 140, 161)  
}
```

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, 140, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 140, 161) }
```

Border

The CSS property to change the border of an element to RYB 161, 140, 161 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, 140, 161) }
```

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

```
.border{ border-color:rgb(161, 140, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 140, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 140, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 140, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 140,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 161, 140, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 140, 161) }
```

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

```
.background{ background-color: rgb(161,  
140, 161) }
```

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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