

Converting Colors

`RYB(193, 140, 161)`

Have a look what the booklet for
RYB(193, 140, 161) contains.

RYB(193, 140, 161)	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(193, 140, 161)

Conversions

Conversions Part 1

Format	Color
Hex	C18CA1
RGB	193, 140, 161
RGB Percent	76%, 55%, 63%
CMY	0.2431, 0.4510, 0.3686
CMYK	0.00, 0.27, 0.17, 0.24
HSL	336°, 30%, 65%
HSV	336°, 27%, 76%
XYZ	37.8034, 32.6668, 38.0311
YIQ	158.2410, 24.8470, 17.7670

Conversions

Conversions Part 2

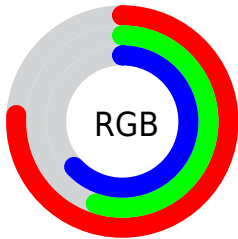
Format	Color
R_{YB}	193, 140, 161
Decimal	12684449
CIE _{Lab}	63.89, 23.35, -3.11
CIE _{LCh}	64, 23.558, 352.419
Yxy	32.6668, 0.3484, 0.3011
Android (android.graphics.Color)	4290874529 (0xFFC18CA1)
YUV	158.2410, 1.3602, 30.4836
Hunter-Lab	57.1549, 18.0425, 0.5566

Details

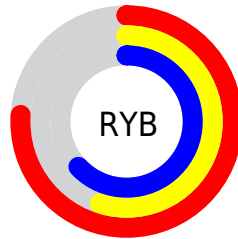
The RYB color **193, 140, 161** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **140, 173, 193**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **250, 194, 216**, and **139, 89, 110** is the 20% darker color. If you saturate the color by 10%, you get **193, 121, 149**, and if you desaturate by 10%, it is **193, 159, 173**.

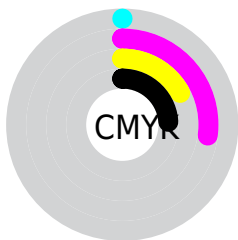
Distribution



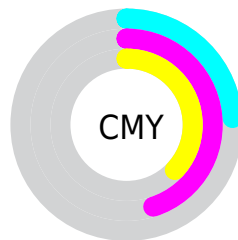
- Red (76%)
- Green (55%)
- Blue (63%)



- Red (76%)
- Yellow (55%)
- Blue (63%)



- Cyan (0%)
- Magenta (27%)
- Yellow (17%)
- Black (24%)



- Cyan (24%)
- Magenta (45%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the RYB color 193, 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 193, 140, 161 by changing the saturation by 10% instead.


 193, 140, 161

255, 255, 255

 250, 194, 216

 255, 222, 244

 255, 251, 255

 193, 140, 161


 165, 114, 135

 139, 89, 110

 112, 65, 85

 87, 42, 62


 63, 20, 40

 41, 0, 20

 0, 0, 0

 193, 140, 161

 193, 121, 149


 193, 140, 161


 193, 159, 173

 193, 101, 138


 193, 179, 184

 193, 82, 126

 193, 196, 198

 193, 63, 114

 193, 208, 217

 193, 44, 103

 193, 221, 237

 193, 24, 91

 193, 231, 255

 193, 5, 79

 193, 227, 255

 193, 0, 76

 193, 224, 255

 193, 224, 255

Harmonies

Analogous

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



177, 144, 181



193, 140, 161



198, 140, 140

Triad

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



193, 140, 161



116, 158, 120



99, 136, 187

Complementary

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



193, 140, 161



140, 173, 193

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.



93, 130, 170



193, 140, 161



129, 164, 163

Square

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



193, 140, 161



150, 175, 113



107, 141, 166



122, 146, 196

Rectangle

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



193, 140, 161



194, 148, 127



107, 141, 166



94, 133, 182

Sweetspot

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



193, 140, 161



250, 230, 238



172, 140, 193



125, 112, 117



252, 252, 252



125, 125, 125

Same Dimension

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



193, 140, 161



250, 167, 200



193, 146, 140



97, 87, 91



161, 0, 64



33, 0, 13

Inverse Universe

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



193, 140, 161



250, 167, 200



140, 165, 193



97, 87, 91



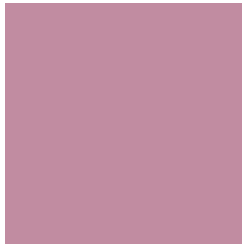
161, 0, 64



33, 0, 13

Previews

White Background



This preview shows how the RYB color 193, 140, 161 looks on a white background.

Color Contrast Check

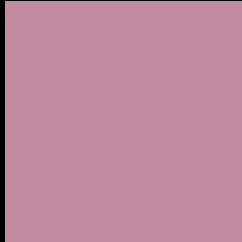
Large Text (above 18pt) WCAG AA × Fail

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 193, 140, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

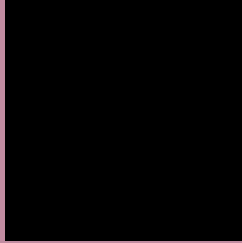
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 193, 140, 161 Background



This preview shows how black text looks on a background with the RYB color 193, 140, 161.

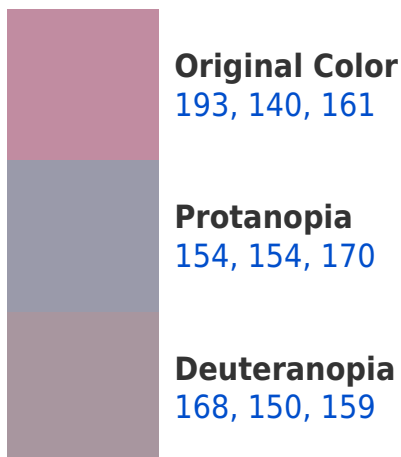



This preview shows how white text looks on a background with the RYB color 193, 140, 161.

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





Tritanopia

192, 141, 152

Trichromacy



Original Color

193, 140, 161

Protanomaly

168, 149, 167

Deuteranomaly

177, 146, 160

Tritanomaly

192, 141, 155

Monochromacy



Original Color

193, 140, 161

Achromatopsia

158, 158, 158

Achromatomaly

171, 151, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 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(193, 140, 161) looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 140, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 140, 161) }
```

Border

The CSS property to change the border of an element to RYB 193, 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(193, 140, 161) }
```

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

```
.border{ border-color:rgb(193, 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(193, 140, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 140, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 140, 161);  
box-shadow:4px 4px 4px 4px rgb(193, 140,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 193, 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(193, 140, 161) }
```

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

```
.background{ background-color: rgb(193,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor