

Converting Colors

`RYB(196, 141, 155)`

Have a look what the booklet for RYB(196, 141, 155) contains.

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Color

R_YB(196, 141, 155)

Conversions

Conversions Part 1

Format	Color
Hex	C48D9B
RGB	196, 141, 155
RGB Percent	77%, 55%, 61%
CMY	0.2314, 0.4471, 0.3922
CMYK	0.00, 0.28, 0.21, 0.23
HSL	345°, 32%, 66%
HSV	345°, 28%, 77%
XYZ	38.2062, 33.1521, 35.3956
YIQ	159.0410, 28.2860, 16.0140

Conversions

Conversions Part 2

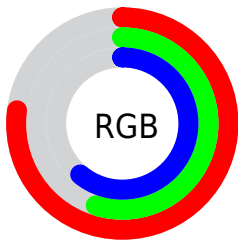
Format	Color
RYB	196, 141, 155
Decimal	12881307
CIELab	64.28, 22.96, 0.90
CIElCh	64, 22.974, 2.251
Yxy	33.1521, 0.3579, 0.3105
Android (android.graphics.Color)	4291071387 (0xFFC48D9B)
YUV	159.0410, -1.9922, 32.4130
Hunter-Lab	57.5778, 17.6838, 3.8563

Details

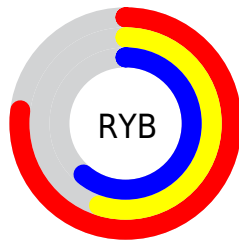
The RYB color **196, 141, 155** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **141, 173, 196**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **253, 195, 209**, and **141, 90, 104** is the 20% darker color. If you saturate the color by 10%, you get **196, 121, 140**, and if you desaturate by 10%, it is **196, 161, 170**.

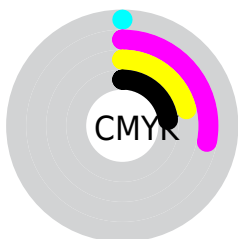
Distribution



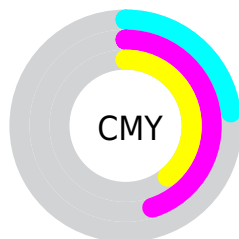
- Red (77%)
- Green (55%)
- Blue (61%)



- Red (77%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (28%)
- Yellow (21%)
- Black (23%)



- Cyan (23%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 141, 155 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 196, 141, 155 by changing the saturation by 10% instead.


 196, 141, 155


255, 255, 255


 253, 195, 209


 255, 223, 238

 255, 252, 255

 196, 141, 155

 168, 115, 129

 141, 90, 104

 115, 66, 80

 89, 43, 57


 65, 21, 36


 42, 0, 14

 0, 0, 0

 196, 141, 155

 196, 121, 140

 196, 141, 155

 196, 161, 170

 196, 102, 126

 196, 180, 184

 196, 82, 111

 196, 198, 200

 196, 63, 97

 196, 209, 219

 196, 43, 82

 196, 221, 239

 196, 23, 67

 196, 229, 255

 196, 4, 53

 196, 226, 255

 196, 0, 50

Harmonies

Analogous

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



184, 144, 175



196, 141, 155



197, 144, 135

Triad

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



196, 141, 155



121, 161, 135



107, 141, 191

Complementary

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



196, 141, 155



141, 173, 196

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.



96, 134, 177



196, 141, 155



124, 157, 166

Square

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



196, 141, 155



134, 169, 115



104, 138, 167



133, 150, 196

Rectangle

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



196, 141, 155



191, 157, 124



104, 138, 167



101, 138, 188

Sweetspot

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



196, 141, 155



255, 235, 240



181, 141, 196



128, 115, 118



0, 0, 0



128, 128, 128

Same Dimension

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



196, 141, 155



255, 168, 190



196, 158, 141



97, 87, 90



161, 0, 41



33, 0, 8

Inverse Universe

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



196, 141, 155



255, 168, 190



141, 165, 196



97, 87, 90



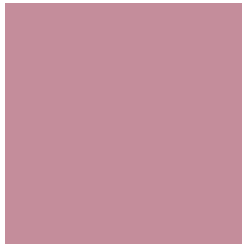
161, 0, 41



33, 0, 8

Previews

White Background



This preview shows how the RYB color 196, 141, 155 looks on a white background.

Color Contrast Check

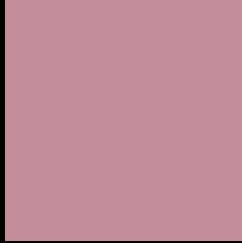
Large Text (above 18pt) WCAG AA × Fail

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 196, 141, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

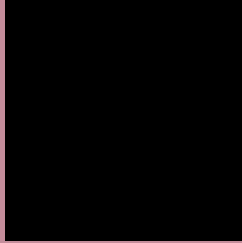
Any Text WCAG AA ✓ Pass

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](#).

R Y B 196, 141, 155 Background



This preview shows how black text looks on a background with the R Y B color 196, 141, 155.



This preview shows how white text looks on a background with the R Y B color 196, 141, 155.

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
196, 141, 155

Protanopia
157, 155, 163

Deuteranopia
172, 151, 153



Tritanopia
196, 141, 152

Trichromacy



Original Color

196, 141, 155

Protanomaly

171, 150, 160

Deuteranomaly

181, 147, 154

Tritanomaly

196, 141, 153

Monochromacy



Original Color

196, 141, 155

Achromatopsia

159, 159, 159

Achromatomaly

172, 152, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 141, 155 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(196, 141, 155) looks like.

```
.text, #text, p{  
    color:rgb(196, 141, 155)  
}
```

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(196, 141, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 141, 155) }
```

Border

The CSS property to change the border of an element to RYB 196, 141, 155 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(196, 141, 155) }
```

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

```
.border{ border-color:rgb(196, 141, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 141, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 141, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 141, 155);  
box-shadow:4px 4px 4px 4px rgb(196, 141,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 196, 141, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 141, 155) }
```

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

```
.background{ background-color: rgb(196,  
141, 155) }
```

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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