

Converting Colors

`RYB(197, 141, 163)`

Have a look what the booklet for
RYB(197, 141, 163) contains.

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Color

R_YB(197, 141, 163)

Conversions

Conversions Part 1

Format	Color
Hex	C58DA3
RGB	197, 141, 163
RGB Percent	77%, 55%, 64%
CMY	0.2275, 0.4471, 0.3608
CMYK	0.00, 0.28, 0.17, 0.23
HSL	336°, 33%, 66%
HSV	336°, 28%, 77%
XYZ	39.1617, 33.5644, 39.0649
YIQ	160.2520, 26.3140, 18.7140

Conversions

Conversions Part 2

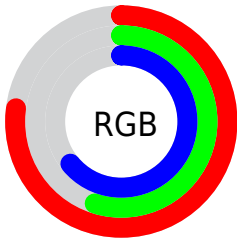
Format	Color
R _Y B	197, 141, 163
Decimal	12946851
CIE Lab	64.62, 24.58, -3.12
CIE LCh	65, 24.776, 352.759
Yxy	33.5644, 0.3503, 0.3002
Android (android.graphics.Color)	4291136931 (0xFFC58DA3)
YUV	160.2520, 1.3548, 32.2280
Hunter-Lab	57.9348, 19.2732, 0.5757

Details

The RYB color **197, 141, 163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **141, 176, 197**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **254, 195, 218**, and **142, 90, 111** is the 20% darker color. If you saturate the color by 10%, you get **197, 121, 151**, and if you desaturate by 10%, it is **197, 161, 175**.

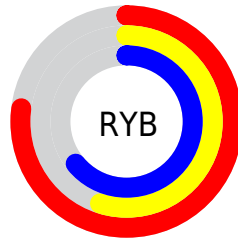
Distribution



Red (77%)

Green (55%)

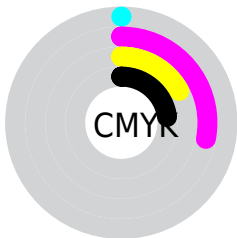
Blue (64%)



Red (77%)

Yellow (55%)

Blue (64%)

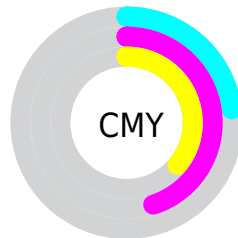


Cyan (0%)

Magenta (28%)

Yellow (17%)

Black (23%)



Cyan (23%)


Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 141, 163 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 197, 141, 163 by changing the saturation by 10% instead.

 197, 141, 163

255, 255, 255

 254, 195, 218

 255, 223, 246


 255, 252, 255

 197, 141, 163

 169, 115, 137

 142, 90, 111

 116, 66, 87


 91, 43, 64


 66, 20, 42

 43, 0, 22

 4, 0, 0

 0, 0, 0

 197, 141, 163

 197, 141, 163

 197, 121, 151


 197, 161, 175

 197, 102, 139

 197, 180, 187

 197, 82, 127

 197, 199, 200

 197, 62, 115

 197, 211, 220

 197, 43, 103

 197, 224, 240

 197, 23, 91

 197, 232, 255

 197, 3, 79

 197, 228, 255

 197, 0, 77

 197, 226, 255

Harmonies

Analogous

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



180, 146, 184



197, 141, 163



202, 141, 141

Triad

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



197, 141, 163



116, 161, 122



97, 137, 191

Complementary

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



197, 141, 163



141, 176, 197

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.



91, 131, 173



197, 141, 163



129, 166, 165

Square

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



197, 141, 163



154, 178, 113



106, 143, 169



122, 148, 200

Rectangle

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



197, 141, 163



198, 149, 128



106, 143, 169



92, 134, 186

Sweetspot

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



197, 141, 163



255, 232, 241



175, 141, 197



128, 113, 119



0, 0, 0



128, 128, 128

Same Dimension

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



197, 141, 163



255, 168, 202



197, 148, 141



99, 90, 93



163, 0, 64



36, 0, 14

Inverse Universe

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



197, 141, 163



255, 168, 202



141, 167, 197



99, 90, 93



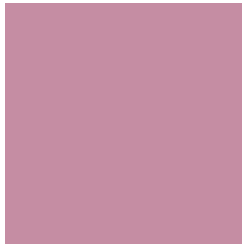
163, 0, 64



36, 0, 14

Previews

White Background



This preview shows how the RYB color 197, 141, 163 looks on a white background.

Color Contrast Check

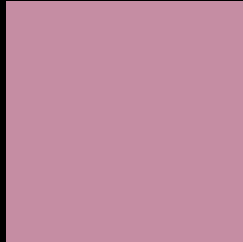
Large Text (above 18pt) WCAG AA × Fail

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 197, 141, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

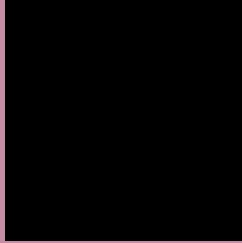
Any Text WCAG AA ✓ Pass

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 197, 141, 163 Background



This preview shows how black text looks on a background with the RYB color 197, 141, 163.

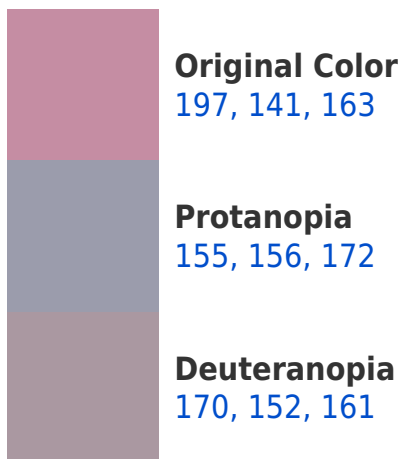



This preview shows how white text looks on a background with the RYB color 197, 141, 163.

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
196, 143, 154

Trichromacy



Original Color
197, 141, 163

Protanomaly
170, 151, 169

Deuteranomaly
180, 148, 162

Tritanomaly
196, 142, 157

Monochromacy



Original Color
197, 141, 163

Achromatopsia
160, 160, 160

Achromatomaly
173, 153, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 141, 163 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(197, 141, 163) looks like.

```
.text, #text, p{  
    color:rgb(197, 141, 163)  
}
```

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(197, 141, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 141, 163) }
```

Border

The CSS property to change the border of an element to RYB 197, 141, 163 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(197, 141, 163) }
```

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

```
.border{ border-color:rgb(197, 141, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 141, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 141, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 141, 163); box-shadow:4px 4px 4px 4px rgb(197, 141, 163) }
```

Background

The CSS property to change the background color of an element to RYB 197, 141, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 141, 163) }
```

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

```
.background{ background-color: rgb(197,  
141, 163) }
```

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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