

Converting Colors

`RYB(195, 141, 171)`

Have a look what the booklet for RYB(195, 141, 171) contains.

RYB(195, 141, 171)	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(195, 141, 171)

Conversions

Conversions Part 1

Format	Color
Hex	C38DAB
RGB	195, 141, 171
RGB Percent	76%, 55%, 67%
CMY	0.2353, 0.4471, 0.3294
CMYK	0.00, 0.28, 0.12, 0.24
HSL	327°, 31%, 66%
HSV	327°, 28%, 76%
XYZ	39.3812, 33.5921, 42.9364
YIQ	160.5660, 22.5540, 20.7780

Conversions

Conversions Part 2

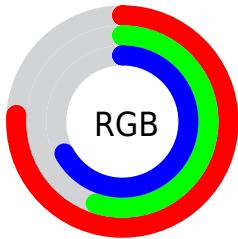
Format	Color
RYB	195, 141, 171
Decimal	12815787
CIELab	64.64, 25.18, -7.63
CIELCh	65, 26.308, 343.136
Yxy	33.5921, 0.3398, 0.2898
Android (android.graphics.Color)	4291005867 (0xFFC38DAB)
YUV	160.5660, 5.1440, 30.1986
Hunter-Lab	57.9587, 19.8577, -3.3515

Details

The RYB color **195, 141, 171** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **141, 178, 195**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **252, 195, 226**, and **141, 90, 119** is the 20% darker color. If you saturate the color by 10%, you get **195, 122, 162**, and if you desaturate by 10%, it is **195, 161, 180**.

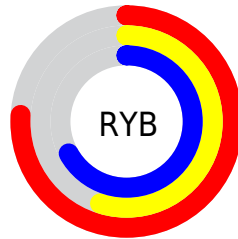
Distribution



Red (76%)

Green (55%)

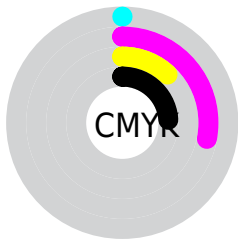
Blue (67%)



Red (76%)

Yellow (55%)

Blue (67%)

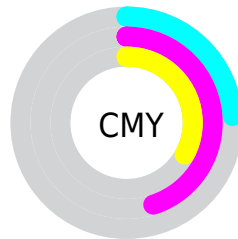


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (24%)



Cyan (24%)

Magenta (45%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the RYB color 195, 141, 171 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 195, 141, 171 by changing the saturation by 10% instead.

 195, 141, 171


255, 255, 255


 252, 195, 226


 255, 223, 255

 255, 252, 255

 195, 141, 171

 167, 115, 144

 141, 90, 119

 114, 66, 94

 89, 43, 70

 65, 20, 48

 42, 0, 27

 5, 0, 0


 0, 0, 0

 195, 141, 171

 195, 141, 171

 195, 122, 162

 195, 161, 180

 195, 102, 154

 195, 180, 188

 195, 83, 145

 195, 199, 200

 195, 63, 136

 195, 211, 219

 195, 44, 128

 195, 226, 239

 195, 24, 119

 195, 236, 255

 195, 5, 110

 195, 232, 255

 195, 0, 108

 195, 229, 255

 195, 227, 255

Harmonies

Analogous

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



173, 147, 191



195, 141, 171



204, 140, 147

Triad

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



195, 141, 171



115, 163, 111



86, 131, 188

Complementary

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



195, 141, 171



141, 178, 195

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.



89, 130, 170



195, 141, 171



122, 165, 150

Square

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



195, 141, 171



176, 185, 112



110, 148, 169



108, 143, 201

Rectangle

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



195, 141, 171



203, 144, 132



110, 148, 169



84, 130, 182

Sweetspot

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



195, 141, 171



252, 232, 243



164, 141, 195



128, 115, 122



0, 0, 0



128, 128, 128

Same Dimension

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



195, 141, 171



252, 169, 215



195, 141, 145



97, 87, 93



161, 0, 89



33, 0, 18

Inverse Universe

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



195, 141, 171



252, 169, 215



141, 169, 195



97, 87, 93



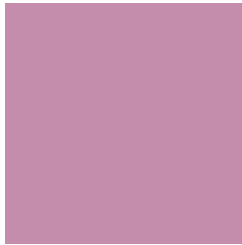
161, 0, 89



33, 0, 18

Previews

White Background



This preview shows how the RYB color 195, 141, 171 looks on a white background.

Color Contrast Check

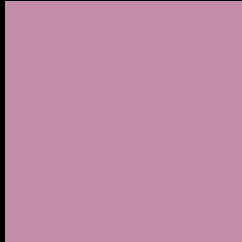
Large Text (above 18pt) WCAG AA × Fail

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 195, 141, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

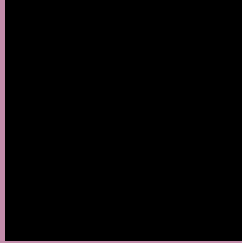
Any Text WCAG AA ✓ Pass

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 195, 141, 171 Background



This preview shows how black text looks on a background with the RYB color 195, 141, 171.

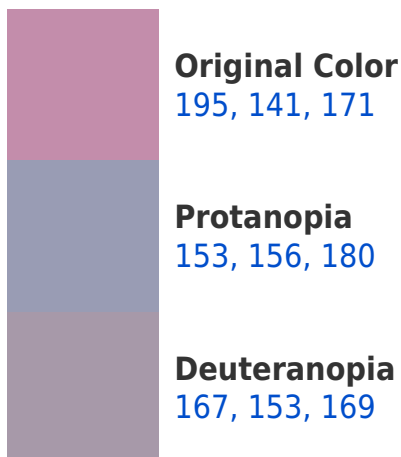


This preview shows how white text looks on a background with the RYB color 195, 141, 171.

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

193, 144, 155

Trichromacy



Original Color
195, 141, 171

Protanomaly
168, 151, 177

Deuteranomaly
177, 149, 170

Tritanomaly
194, 143, 161

Monochromacy



Original Color
195, 141, 171

Achromatopsia
161, 161, 161

Achromatomaly
173, 154, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 141, 171 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(195, 141, 171)` looks like.

```
.text, #text, p{  
    color:rgb(195, 141, 171)  
}
```

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(195, 141, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 141, 171) }
```

Border

The CSS property to change the border of an element to RYB 195, 141, 171 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(195, 141, 171) }
```

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

```
.border{ border-color:rgb(195, 141, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 141, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 141, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 141, 171);  
box-shadow:4px 4px 4px 4px rgb(195, 141,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 195, 141, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 141, 171) }
```

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

```
.background{ background-color: rgb(195,  
141, 171) }
```

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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