

Converting Colors

`RYB(195, 161, 201)`

Have a look what the booklet for
RYB(195, 161, 201) contains.

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Color

R_YB(195, 161, 201)

Conversions

Conversions Part 1

Format	Color
Hex	C3A1C9
RGB	195, 161, 201
RGB Percent	76%, 63%, 79%
CMY	0.2353, 0.3686, 0.2118
CMYK	0.03, 0.20, 0.00, 0.21
HSL	291°, 27%, 71%
HSV	291°, 20%, 79%
XYZ	45.7932, 41.3089, 60.8182
YIQ	175.7260, 7.4240, 19.6480

Conversions

Conversions Part 2

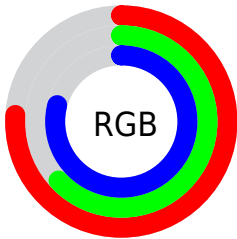
Format	Color
RYB	195, 161, 201
Decimal	12820937
CIELab	70.39, 19.60, -15.76
CIElCh	70, 25.146, 321.193
Yxy	41.3089, 0.3096, 0.2793
Android (android.graphics.Color)	4291011017 (0xFFC3A1C9)
YUV	175.7260, 12.4601, 16.9033
Hunter-Lab	64.2720, 14.7035, -11.1135

Details

The RYB color **195, 161, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **161, 201, 195**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **252, 216, 255**, and **141, 109, 147** is the 20% darker color. If you saturate the color by 10%, you get **192, 141, 201**, and if you desaturate by 10%, it is **198, 181, 201**.

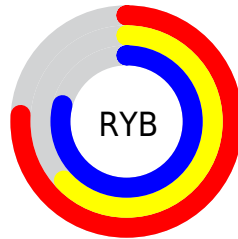
Distribution



Red (76%)

Green (63%)

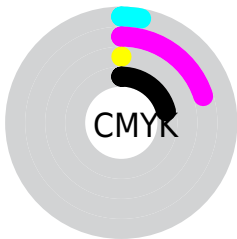
Blue (79%)



Red (76%)

Yellow (63%)

Blue (79%)

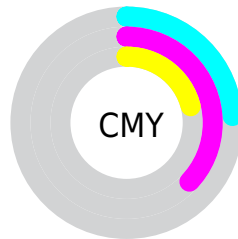


Cyan (3%)

Magenta (20%)

Yellow (0%)

Black (21%)



Cyan (24%)

Magenta (37%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 161, 201 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, 161, 201 by changing the saturation by 10% instead.


 195, 161, 201


255, 255, 255

 252, 216, 255

 255, 244, 255

 195, 161, 201

 168, 135, 174

 141, 109, 147

 115, 85, 121

 90, 61, 96

 66, 39, 72

 44, 18, 50

 26, 0, 29

 0, 0, 0

 195, 161, 201

 195, 161, 201

■ 192, 141, 201

■ 198, 181, 201

■ 189, 121, 201

■ 201, 201, 201

■ 186, 101, 201

■ 201, 221, 218

■ 183, 81, 201

■ 201, 241, 235

■ 180, 61, 201

■ 201, 255, 246

■ 177, 40, 201

■ 201, 255, 243

■ 174, 20, 201

■ 201, 255, 240

■ 171, 0, 201

■ 201, 255, 237

■ 201, 255, 234

Harmonies

Analogous

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



167, 169, 215



195, 161, 201



213, 156, 180

Triad

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



195, 161, 201



172, 195, 127



106, 146, 188

Complementary

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



195, 161, 201



161, 201, 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.



121, 159, 185



195, 161, 201



129, 176, 133

Square

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



195, 161, 201



212, 172, 137



143, 181, 178



111, 152, 207

Rectangle

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



195, 161, 201



218, 156, 164



143, 181, 178



109, 148, 185

Sweetspot

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



195, 161, 201



253, 240, 255



161, 166, 201



126, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 161, 201



246, 194, 255



201, 161, 187



98, 90, 99



139, 0, 163



30, 0, 36

Inverse Universe

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



201, 161, 167



255, 194, 203



161, 191, 201



99, 90, 91



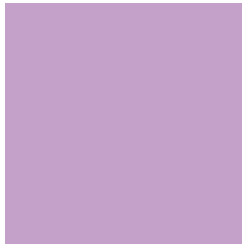
163, 0, 24



36, 0, 5

Previews

White Background



This preview shows how the RYB color 195, 161, 201 looks on a white background.

Color Contrast Check

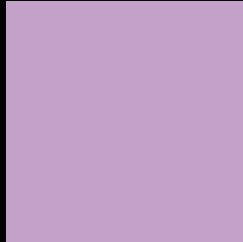
Large Text (above 18pt) WCAG AA × Fail

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, 161, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

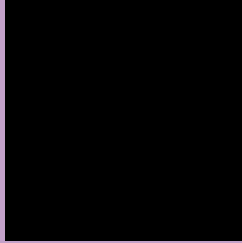
Any Text WCAG AA ✓ Pass

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, 161, 201 Background



This preview shows how black text looks on a background with the RYB color 195, 161, 201.



This preview shows how white text looks on a background with the RYB color 195, 161, 201.

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
195, 161, 201

Protanopia
164, 170, 208

Deuteranopia
176, 168, 200



Tritanopia

192, 165, 178

Trichromacy



Original Color
195, 161, 201

Protanomaly
175, 167, 205

Deuteranomaly
183, 165, 200

Tritanomaly
193, 164, 186

Monochromacy



Original Color
195, 161, 201

Achromatopsia
176, 176, 176

Achromatomaly
183, 171, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 161, 201 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, 161, 201)` looks like.

```
.text, #text, p{  
    color:rgb(195, 161, 201)  
}
```

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, 161, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 161, 201) }
```

Border

The CSS property to change the border of an element to RYB 195, 161, 201 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, 161, 201) }
```

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

```
.border{ border-color:rgb(195, 161, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 161, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 161, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 161, 201);  
box-shadow:4px 4px 4px 4px rgb(195, 161,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 195, 161, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 161, 201) }
```

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

```
.background{ background-color: rgb(195,  
161, 201) }
```

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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