

Converting Colors

RGB(199, 201, 155)

Have a look what the booklet for
RGB(199, 201, 155) contains.

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Color

RGB(199, 201, 155)

Conversions

Conversions Part 1

Format	Color
Hex	C7C99B
RGB	199, 201, 155
RGB Percent	78%, 79%, 61%
CMY	0.2196, 0.2118, 0.3922
CMYK	0.01, 0.00, 0.23, 0.21
HSL	63°, 30%, 70%
HSV	63°, 23%, 79%
XYZ	50.3562, 56.2820, 39.2198
YIQ	195.1580, 13.5740, -14.7300

Conversions

Conversions Part 2

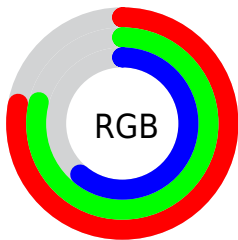
Format	Color
RYB	155, 201, 157
Decimal	13093275
CIELab	79.77, -8.24, 22.83
CIELCh	80, 24.266, 109.840
Yxy	56.2820, 0.3452, 0.3859
Android (android.graphics.Color)	4291283355 (0xFFC7C99B)
YUV	195.1580, -19.7979, 3.3694
Hunter-Lab	75.0213, -11.4735, 21.5192

Details

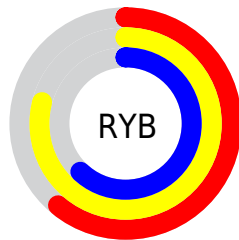
The RGB color **199, 201, 155** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **157, 155, 201**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 255, 210**, and **145, 147, 104** is the 20% darker color. If you saturate the color by 10%, you get **198, 201, 135**, and if you desaturate by 10%, it is **200, 201, 175**.

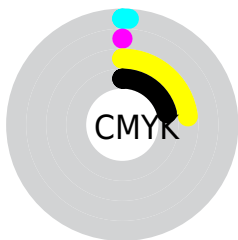
Distribution



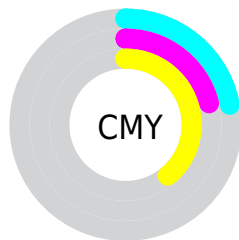
- Red (78%)
- Green (79%)
- Blue (61%)



- Red (61%)
- Yellow (79%)
- Blue (62%)



- Cyan (1%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 201, 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 RGB color 199, 201, 155 by changing the saturation by 10% instead.

 199, 201, 155


255, 255, 255

 255, 255, 210

 255, 255, 238

 199, 201, 155


 171, 174, 129

 145, 147, 104

 119, 121, 79

 94, 97, 56

 69, 73, 34

 46, 50, 12

 25, 29, 0

 0, 0, 0


 199, 201, 155

 199, 201, 155

 198, 201, 135

 200, 201, 175

 197, 201, 115


 201, 201, 195

 196, 201, 95

 202, 201, 215

 196, 201, 75


 202, 201, 235

 195, 201, 54

 203, 201, 255

 194, 201, 34

 204, 201, 255

 193, 201, 14

 205, 201, 255

 192, 201, 0

 206, 201, 255

 207, 201, 255

Harmonies

Analogous

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



222, 194, 154



199, 201, 155



173, 207, 168

Triad

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



199, 201, 155



139, 208, 232



238, 182, 206

Complementary

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



199, 201, 155



157, 155, 201

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.



219, 187, 227



199, 201, 155



161, 202, 242

Square

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



199, 201, 155



135, 211, 212



191, 195, 240



245, 182, 183

Rectangle

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



199, 201, 155



157, 209, 181



191, 195, 240



233, 183, 214

Sweetspot

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



199, 201, 155



254, 255, 237



201, 157, 155



127, 128, 117



0, 0, 0



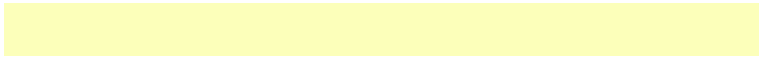
128, 128, 128

Same Dimension

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



199, 201, 155



252, 255, 186



176, 201, 155



99, 99, 90



156, 163, 0



34, 36, 0

Inverse Universe

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



157, 155, 201



189, 186, 255



180, 155, 201



90, 90, 99



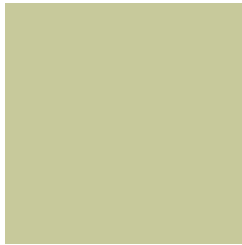
7, 0, 163



2, 0, 36

Previews

White Background



This preview shows how the RGB color 199, 201, 155 looks on a white background.

Color Contrast Check

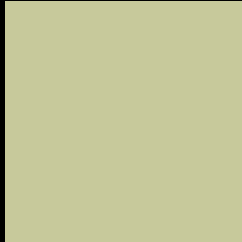
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 199, 201, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

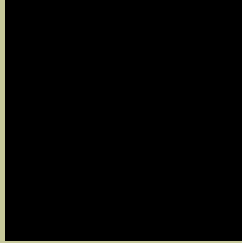
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

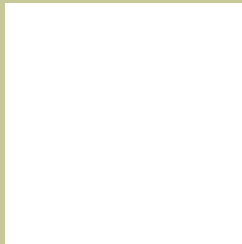
Any Text WCAG AAA ✓ Pass

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

RGB 199, 201, 155 Background



This preview shows how black text looks on a background with the RGB color 199, 201, 155.



This preview shows how white text looks on a background with the RGB color 199, 201, 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
199, 201, 155

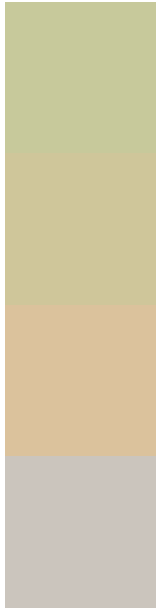
Protanopia
211, 197, 153

Deuteranopia
230, 190, 157



Tritanopia
206, 194, 209

Trichromacy



Original Color
199, 201, 155

Protanomaly
207, 198, 154

Deuteranomaly
219, 194, 156

Tritanomaly
203, 197, 189

Monochromacy



Original Color
199, 201, 155

Achromatopsia
195, 195, 195

Achromatomaly
196, 197, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 201, 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(199, 201, 155)` looks like.

```
.text, #text, p{  
    color:rgb(199, 201, 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(199, 201, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 201, 155) }
```

Border

The CSS property to change the border of an element to RGB 199, 201, 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(199, 201, 155) }
```

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

```
.border{ border-color:rgb(199, 201, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 201, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 201, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 201, 155);  
box-shadow:4px 4px 4px 4px rgb(199, 201,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 199, 201, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 201, 155) }
```

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

```
.background{ background-color: rgb(199,  
201, 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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