

Converting Colors

RGB(204, 213, 153)

Have a look what the booklet for
RGB(204, 213, 153) contains.

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Color

RGB(204, 213, 153)

Conversions

Conversions Part 1

Format	Color
Hex	CCD599
RGB	204, 213, 153
RGB Percent	80%, 84%, 60%
CMY	0.2000, 0.1647, 0.4000
CMYK	0.04, 0.00, 0.28, 0.16
HSL	69°, 42%, 72%
HSV	69°, 28%, 84%
XYZ	54.4459, 62.7258, 39.3747
YIQ	203.4690, 13.8960, -20.5680

Conversions

Conversions Part 2

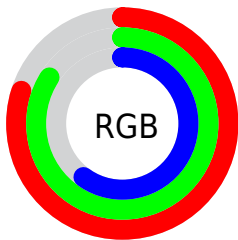
Format	Color
RYB	153, 213, 162
Decimal	13424025
CIELab	83.30, -12.76, 28.71
CIELCh	83, 31.420, 113.952
Yxy	62.7258, 0.3478, 0.4007
Android (android.graphics.Color)	4291614105 (0xFFCCD599)
YUV	203.4690, -24.8812, 0.4657
Hunter-Lab	79.1996, -15.8893, 25.9633

Details

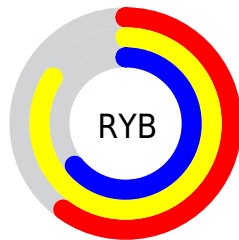
The RGB color **204, 213, 153** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **162, 153, 213**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 255, 208**, and **149, 158, 101** is the 20% darker color. If you saturate the color by 10%, you get **201, 213, 132**, and if you desaturate by 10%, it is **207, 213, 174**.

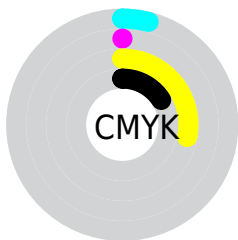
Distribution



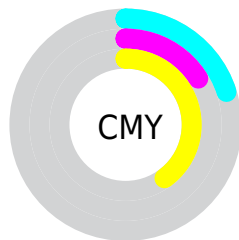
- Red (80%)
- Green (84%)
- Blue (60%)



- Red (60%)
- Yellow (84%)
- Blue (64%)



- Cyan (4%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 213, 153 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 204, 213, 153 by changing the saturation by 10% instead.


 204, 213, 153

255, 255, 255


 255, 255, 208

 255, 255, 236

 204, 213, 153

 176, 185, 127

 149, 158, 101

 123, 132, 77

 97, 107, 53

 73, 83, 31

 49, 60, 7

 28, 38, 0

 0, 19, 0

 0, 0, 0

 204, 213, 153

 204, 213, 153

 201, 213, 132


 207, 213, 174

 198, 213, 110

 210, 213, 196

 194, 213, 89


 214, 213, 217

 191, 213, 68

 217, 213, 238

 188, 213, 47

 220, 213, 255

 185, 213, 25

 223, 213, 255

 182, 213, 4

 226, 213, 255

 181, 213, 0

 230, 213, 255

 233, 213, 255

Harmonies

Analogous

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



235, 204, 149



204, 213, 153



170, 220, 172

Triad

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



204, 213, 153



127, 220, 254



255, 186, 215

Complementary

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



204, 213, 153



162, 153, 213

Split Complementary

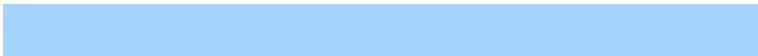
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 192, 243



204, 213, 153



162, 212, 255

Square

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



204, 213, 153



118, 224, 230



204, 202, 255



255, 187, 185

Rectangle

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



204, 213, 153



148, 223, 190



204, 202, 255



255, 188, 225

Sweetspot

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



204, 213, 153



252, 255, 235



213, 162, 153



126, 128, 115



0, 0, 0



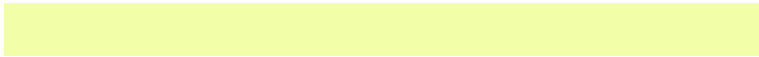
128, 128, 128

Same Dimension

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



204, 213, 153



242, 255, 168



174, 213, 153



105, 107, 96



145, 171, 0



37, 43, 0

Inverse Universe

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



162, 153, 213



181, 168, 255



192, 153, 213



98, 96, 107



26, 0, 171



7, 0, 43

Previews

White Background



This preview shows how the RGB color 204, 213, 153 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 204, 213, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

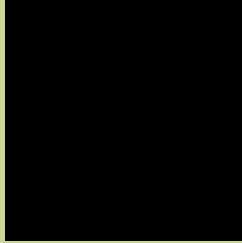
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

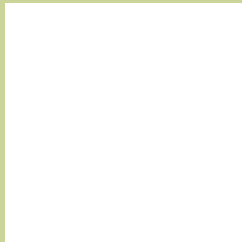
Any Text WCAG AAA ✓ Pass

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

RGB 204, 213, 153 Background



This preview shows how black text looks on a background with the RGB color 204, 213, 153.



This preview shows how white text looks on a background with the RGB color 204, 213, 153.

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
204, 213, 153

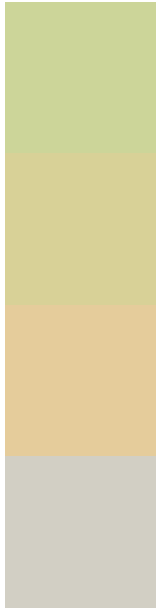
Protanopia
223, 207, 150

Deuteranopia
244, 199, 156



Tritanopia
213, 204, 220

Trichromacy



Original Color

204, 213, 153

Protanomaly

216, 209, 151

Deuteranomaly

229, 204, 155

Tritanomaly

210, 207, 196

Monochromacy



Original Color

204, 213, 153

Achromatopsia

203, 203, 203

Achromatomaly

203, 207, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 213, 153 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(204, 213, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 213, 153)  
}
```

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(204, 213, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 213, 153) }
```

Border

The CSS property to change the border of an element to RGB 204, 213, 153 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(204, 213, 153) }
```

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

```
.border{ border-color:rgb(204, 213, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 213, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 213, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 213, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 213,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 204, 213, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 213, 153) }
```

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

```
.background{ background-color: rgb(204,  
213, 153) }
```

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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