

Converting Colors

`RYB(170, 198, 171)`

Have a look what the booklet for
RYB(170, 198, 171) contains.

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Color

R_YB(170, 198, 171)

Conversions

Conversions Part 1

Format	Color
Hex	C5C6AA
RGB	197, 198, 170
RGB Percent	77%, 78%, 67%
CMY	0.2275, 0.2235, 0.3333
CMYK	0.01, 0.00, 0.14, 0.22
HSL	62°, 20%, 72%
HSV	62°, 14%, 78%
XYZ	50.4757, 55.1608, 46.0169
YIQ	194.5090, 8.3920, -8.9200

Conversions

Conversions Part 2

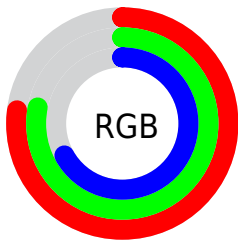
Format	Color
RYB	170, 198, 171
Decimal	12961450
CIELab	79.13, -5.16, 13.93
CIELCh	79, 14.858, 110.305
Yxy	55.1608, 0.3328, 0.3637
Android (android.graphics.Color)	4291151530 (0xFFC5C6AA)
YUV	194.5090, -12.0829, 2.1846
Hunter-Lab	74.2703, -8.6604, 15.2539

Details

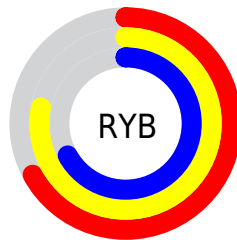
The RYB color **170, 198, 171** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **171, 170, 198**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **225, 255, 226**, and **118, 144, 119** is the 20% darker color. If you saturate the color by 10%, you get **150, 198, 152**, and if you desaturate by 10%, it is **190, 198, 190**.

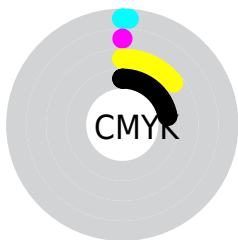
Distribution



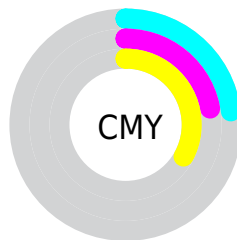
- Red (77%)
- Green (78%)
- Blue (67%)



- Red (67%)
- Yellow (78%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)




- Cyan (23%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 198, 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 170, 198, 171 by changing the saturation by 10% instead.

 170, 198, 171

255, 255, 255


 225, 255, 226

254, 255, 254

 170, 198, 171

 143, 171, 144

 118, 144, 119

 93, 119, 95

 69, 94, 70


 47, 70, 48

 26, 48, 28

 0, 27, 0

 0, 0, 0

 170, 198, 171

 170, 198, 171

■ 150, 198, 152

■ 190, 198, 190

■ 130, 198, 132

■ 198, 198, 210

■ 111, 198, 114

■ 199, 198, 229

■ 91, 198, 95

■ 200, 198, 249

■ 71, 198, 76

■ 201, 198, 255

■ 51, 198, 56

■ 202, 198, 255

■ 31, 198, 37

■ 203, 198, 255

■ 12, 198, 19

■ 0, 198, 7

Harmonies

Analogous

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



203, 212, 169



170, 198, 171



178, 202, 199

Triad

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



170, 198, 171



164, 186, 217



221, 187, 201

Complementary

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



170, 198, 171



171, 170, 198

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.



210, 190, 214



170, 198, 171



176, 191, 223

Square

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



170, 198, 171



161, 183, 205



193, 194, 222



226, 187, 187

Rectangle

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



170, 198, 171



172, 193, 203



193, 194, 222



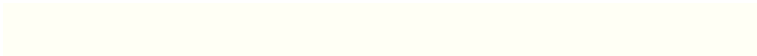
218, 188, 206

Sweetspot

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



170, 198, 171



245, 255, 245



198, 171, 170



121, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



170, 198, 171



212, 255, 214



170, 198, 185



90, 99, 90



0, 163, 6



0, 36, 2

Inverse Universe

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



171, 170, 198



213, 212, 255



185, 170, 198



90, 90, 99



6, 0, 163



1, 0, 36

Previews

White Background



This preview shows how the RYB color 170, 198, 171 looks on a white background.

Color Contrast Check

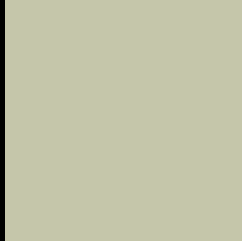
Large Text (above 18pt) WCAG AA × Fail

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 170, 198, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

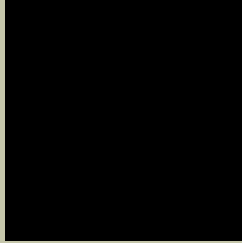
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

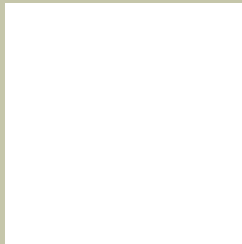
Any Text WCAG AAA ✓ Pass

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

RYB 170, 198, 171 Background



This preview shows how black text looks on a background with the RYB color 170, 198, 171.



This preview shows how white text looks on a background with the RYB color 170, 198, 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



Original Color
170, 198, 171

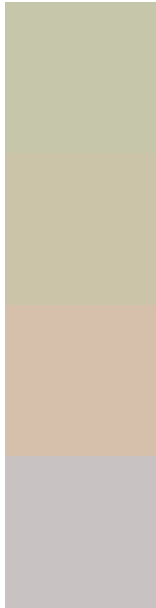
Protanopia
185, 206, 169

Deuteranopia
223, 198, 172



Tritanopia
202, 193, 208

Trichromacy



Original Color
170, 198, 171

Protanomaly
178, 203, 169

Deuteranomaly
214, 212, 171

Tritanomaly
200, 195, 194

Monochromacy



Original Color
170, 198, 171

Achromatopsia
195, 195, 195

Achromatomaly
186, 196, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 198, 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(197, 198, 170) looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 170)  
}
```

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, 198, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 170) }
```

Border

The CSS property to change the border of an element to RYB 170, 198, 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(197, 198, 170) }
```

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

```
.border{ border-color:rgb(197, 198, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 170);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 197, 198, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 170) }
```

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

```
.background{ background-color: rgb(197,  
198, 170) }
```

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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