

Converting Colors

`RYB(169, 203, 152)`

Have a look what the booklet for
RYB(169, 203, 152) contains.

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Color

R_YB(169, 203, 152)

Conversions

Conversions Part 1

Format	Color
Hex	CBBE98
RGB	203, 190, 152
RGB Percent	80%, 75%, 60%
CMY	0.2039, 0.2539, 0.4039
CMYK	0.00, 0.06, 0.25, 0.20
HSL	45°, 33%, 70%
HSV	45°, 25%, 80%
XYZ	48.7638, 51.8988, 37.1531
YIQ	189.5550, 19.9460, -9.0620

Conversions

Conversions Part 2

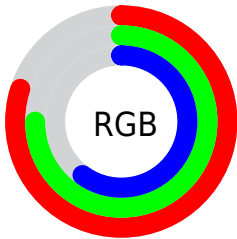
Format	Color
RYB	169, 203, 152
Decimal	13352600
CIELab	77.22, -1.54, 20.97
CIELCh	77, 21.024, 94.197
Yxy	51.8988, 0.3538, 0.3766
Android (android.graphics.Color)	4291542680 (0xFFCBBE98)
YUV	189.5550, -18.5146, 11.7913
Hunter-Lab	72.0408, -5.2465, 19.8514

Details

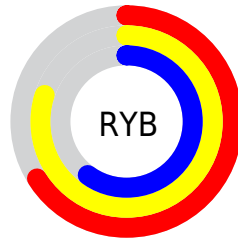
The RYB color **169, 203, 152** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **152, 162, 203**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **217, 255, 206**, and **115, 148, 101** is the 20% darker color. If you saturate the color by 10%, you get **156, 203, 132**, and if you desaturate by 10%, it is **183, 203, 172**.

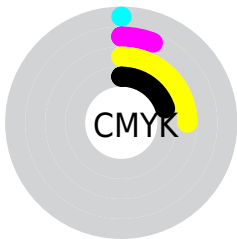
Distribution



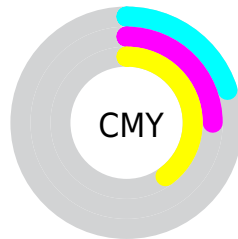
- Red (80%)
- Green (75%)
- Blue (60%)



- Red (66%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (25%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 203, 152 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 169, 203, 152 by changing the saturation by 10% instead.

 169, 203, 152

255, 255, 255


 217, 255, 206

 235, 255, 235

 169, 203, 152

 142, 175, 126

 115, 148, 101

 90, 122, 77

 67, 97, 54

 42, 72, 32

 17, 49, 9

 6, 27, 0

 0, 0, 0

 169, 203, 152

 169, 203, 152

 156, 203, 132

 183, 203, 172

 142, 203, 111


 197, 203, 193

 128, 203, 91

 203, 205, 213

 115, 203, 71

 203, 209, 233

 102, 203, 51


 203, 213, 254

 87, 203, 30

 203, 216, 255

 74, 203, 10

 203, 219, 255

 68, 203, 0

 203, 221, 255

 203, 223, 255

Harmonies

Analogous

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



220, 206, 156



169, 203, 152



158, 196, 173

Triad

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



169, 203, 152



138, 172, 212



219, 179, 208

Complementary

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



169, 203, 152



152, 162, 203

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.



198, 185, 223



169, 203, 152



149, 178, 225

Square

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



169, 203, 152



143, 175, 202



172, 186, 229



230, 177, 189

Rectangle

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



169, 203, 152



166, 198, 199



172, 186, 229



212, 181, 214

Sweetspot

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



169, 203, 152



242, 255, 235



203, 152, 165



121, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



169, 203, 152



204, 255, 179



152, 203, 165



96, 102, 92



56, 166, 0



12, 38, 0

Inverse Universe

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



152, 162, 203



179, 194, 255



165, 152, 203



92, 94, 102



0, 33, 166



0, 8, 38

Previews

White Background



This preview shows how the RYB color 169, 203, 152 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 169, 203, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

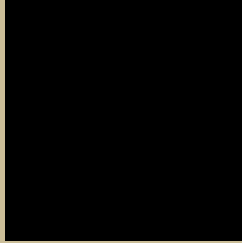
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

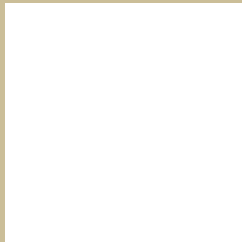
Any Text WCAG AAA ✓ Pass

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

RYB 169, 203, 152 Background



This preview shows how black text looks on a background with the RYB color 169, 203, 152.



This preview shows how white text looks on a background with the RYB color 169, 203, 152.

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


[169, 203, 152](#)

Protanopia

[169, 203, 152](#)

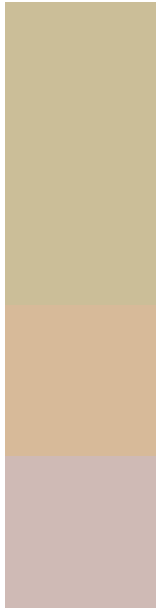
Deuteranopia

[222, 206, 153](#)



Tritanopia
209, 184, 198

Trichromacy



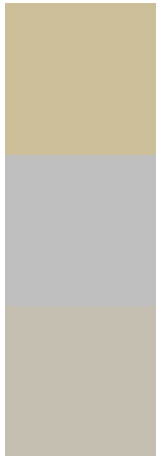
Original Color
169, 203, 152

Protanomaly
169, 203, 152

Deuteranomaly
207, 215, 153

Tritanomaly
207, 187, 181

Monochromacy



Original Color
169, 203, 152

Achromatopsia
190, 190, 190

Achromatomaly
183, 195, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 203, 152 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(203, 190, 152) looks like.

```
.text, #text, p{  
    color:rgb(203, 190, 152)  
}
```

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(203, 190, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 190, 152) }
```

Border

The CSS property to change the border of an element to RYB 169, 203, 152 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(203, 190, 152) }
```

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

```
.border{ border-color:rgb(203, 190, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 190, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 190, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 190, 152);  
box-shadow:4px 4px 4px 4px rgb(203, 190,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 169, 203, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 190, 152) }
```

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

```
.background{ background-color: rgb(203,  
190, 152) }
```

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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