

Converting Colors

`RYB(156, 208, 163)`

Have a look what the booklet for
RYB(156, 208, 163) contains.

RYB(156, 208, 163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(156, 208, 163)

Conversions

Conversions Part 1

Format	Color
Hex	C9D09C
RGB	201, 208, 156
RGB Percent	79%, 82%, 61%
CMY	0.2118, 0.1843, 0.3882
CMYK	0.03, 0.00, 0.25, 0.18
HSL	68°, 36%, 71%
HSV	68°, 25%, 82%
XYZ	52.6440, 59.9296, 40.2454
YIQ	199.9790, 12.5200, -17.6560

Conversions

Conversions Part 2

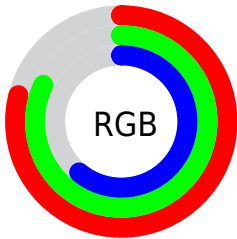
Format	Color
RYB	156, 208, 163
Decimal	13226140
CIELab	81.80, -10.93, 25.09
CIElCh	82, 27.366, 113.543
Yxy	59.9296, 0.3445, 0.3922
Android (android.graphics.Color)	4291416220 (0xFFC9D09C)
YUV	199.9790, -21.6816, 0.8954
Hunter-Lab	77.4142, -14.0893, 23.3668

Details

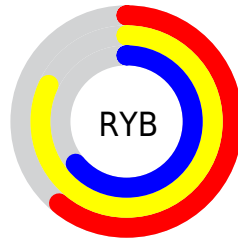
The RYB color **156, 208, 163** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **163, 156, 208**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **211, 255, 211**, and **104, 154, 112** is the 20% darker color. If you saturate the color by 10%, you get **135, 208, 145**, and if you desaturate by 10%, it is **177, 208, 181**.

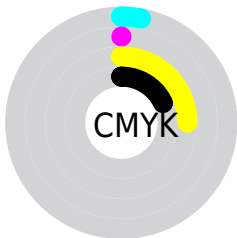
Distribution



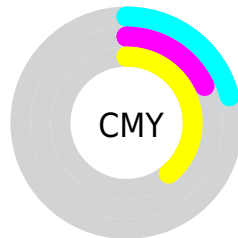
- Red (79%)
- Green (82%)
- Blue (61%)



- Red (61%)
- Yellow (82%)
- Blue (64%)



- Cyan (3%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 208, 163 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 156, 208, 163 by changing the saturation by 10% instead.

■ 156, 208, 163

255, 255, 255

■ 211, 255, 211

■ 239, 255, 239

■ 156, 208, 163

■ 130, 180, 137

■ 104, 154, 112

■ 80, 128, 88

■ 56, 103, 64

■ 34, 79, 42

■ 12, 56, 21

■ 0, 34, 7

■ 0, 12, 12

■ 0, 0, 0

 156, 208, 163

 156, 208, 163

 135, 208, 145

 177, 208, 181

 114, 208, 127

 198, 208, 199

 94, 208, 109


 209, 208, 218

 73, 208, 91

 212, 208, 239


 52, 208, 73

 215, 208, 255

 31, 208, 55

 218, 208, 255

 10, 208, 37

 221, 208, 255

 0, 208, 28

 223, 208, 255

 226, 208, 255

Harmonies

Analogous

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



198, 228, 153



156, 208, 163



172, 214, 214

Triad

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



156, 208, 163



137, 182, 244



251, 185, 210

Complementary

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



156, 208, 163



163, 156, 208

Split Complementary

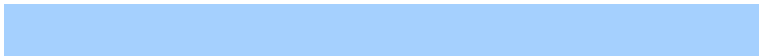
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231, 190, 234



156, 208, 163



165, 194, 254

Square

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



156, 208, 163



130, 175, 223



200, 199, 250



255, 186, 184

Rectangle

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



156, 208, 163



153, 194, 217



200, 199, 250



246, 186, 219

Sweetspot

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



156, 208, 163



235, 255, 238



208, 164, 156



115, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



156, 208, 163



179, 255, 189



156, 208, 189



94, 105, 96



0, 168, 22



0, 41, 6

Inverse Universe

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



163, 156, 208



189, 179, 255



189, 156, 208



96, 94, 105



23, 0, 168



5, 0, 41

Previews

White Background



This preview shows how the RYB color 156, 208, 163 looks on a white background.

Color Contrast Check

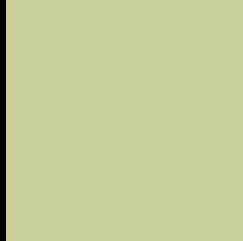
Large Text (above 18pt) WCAG AA × Fail

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 156, 208, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

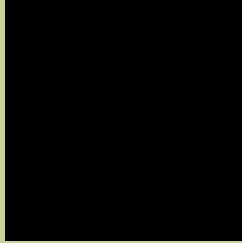
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

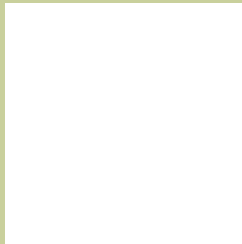
Any Text WCAG AAA ✓ Pass

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

RYB 156, 208, 163 Background



This preview shows how black text looks on a background with the RYB color 156, 208, 163.

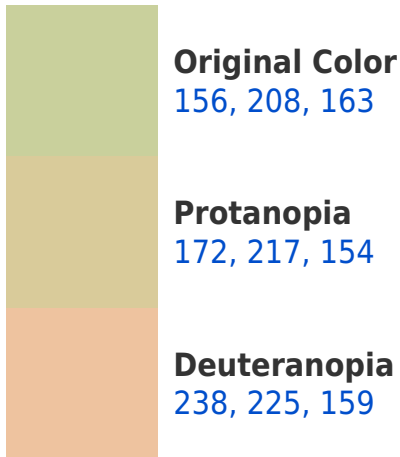


This preview shows how white text looks on a background with the RYB color 156, 208, 163.

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](#).

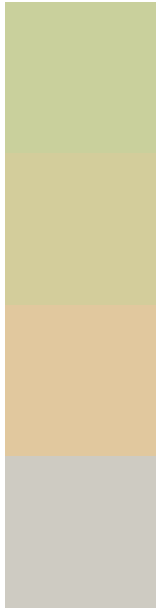
Dichromacy





Tritanopia
209, 200, 216

Trichromacy



Original Color
156, 208, 163

Protanomaly
162, 211, 155

Deuteranomaly
198, 225, 158

Tritanomaly
198, 206, 194

Monochromacy



Original Color
156, 208, 163

Achromatopsia
200, 200, 200

Achromatomaly
184, 203, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 208, 163 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(201, 208, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 208, 156)  
}
```

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(201, 208, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 208, 156) }
```

Border

The CSS property to change the border of an element to RYB 156, 208, 163 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(201, 208, 156) }
```

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

```
.border{ border-color:rgb(201, 208, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 208, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 208, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 208, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 208,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 156, 208, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 208, 156) }
```

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

```
.background{ background-color: rgb(201,  
208, 156) }
```

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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