

Converting Colors

`RYB(197, 197, 163)`

Have a look what the booklet for
RYB(197, 197, 163) contains.

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Color

R_YB(197, 197, 163)

Conversions

Conversions Part 1

Format	Color
Hex	C5B4A3
RGB	197, 180, 163
RGB Percent	77%, 71%, 64%
CMY	0.2275, 0.2941, 0.3608
CMYK	0.00, 0.09, 0.17, 0.23
HSL	30°, 23%, 71%
HSV	30°, 17%, 77%
XYZ	45.9581, 47.1572, 41.3303
YIQ	183.1450, 15.5890, -1.6830

Conversions

Conversions Part 2

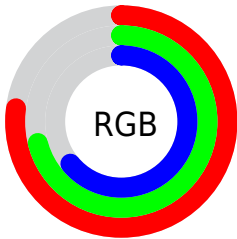
Format	Color
RYB	197, 197, 163
Decimal	12956835
CIELab	74.29, 3.26, 10.86
CIELCh	74, 11.342, 73.284
Yxy	47.1572, 0.3418, 0.3508
Android (android.graphics.Color)	4291146915 (0xFFC5B4A3)
YUV	183.1450, -9.9315, 12.1508
Hunter-Lab	68.6711, -0.7134, 12.3855

Details

The RYB color **197, 197, 163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **163, 174, 197**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **254, 254, 218**, and **143, 143, 111** is the 20% darker color. If you saturate the color by 10%, you get **197, 197, 143**, and if you desaturate by 10%, it is **197, 197, 183**.

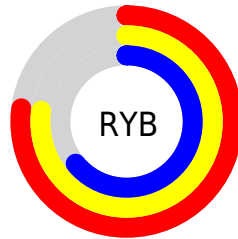
Distribution



Red (77%)

Green (71%)

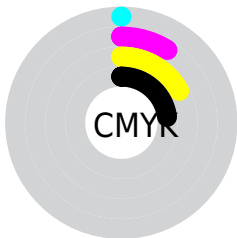
Blue (64%)



Red (77%)

Yellow (77%)

Blue (64%)

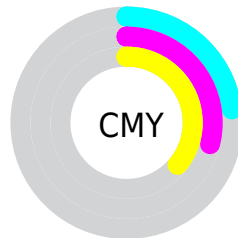


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 197, 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 197, 197, 163 by changing the saturation by 10% instead.


 197, 197, 163

255, 255, 255

 254, 254, 218

 246, 255, 246

 197, 197, 163

 170, 168, 137

 143, 143, 111

 117, 117, 87

 92, 92, 64


 64, 68, 42

 44, 46, 21

 25, 23, 0

 0, 0, 0

 197, 197, 163

 197, 197, 163

 197, 197, 143


 197, 197, 183

 197, 195, 124

 197, 199, 202

 197, 195, 104

 197, 206, 222

 195, 197, 84

 197, 212, 242

 197, 197, 65

 197, 218, 255

 197, 197, 45

 197, 221, 255

 197, 197, 25

 197, 224, 255

 197, 197, 5

 197, 226, 255

 195, 197, 0

Harmonies

Analogous

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



204, 179, 169



197, 197, 163



165, 186, 162

Triad

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



197, 197, 163



157, 174, 189



190, 179, 198

Complementary

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



197, 197, 163



163, 174, 197

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.



178, 181, 203



197, 197, 163



158, 175, 197

Square

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



197, 197, 163



164, 180, 188



165, 178, 202



200, 176, 189

Rectangle

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



197, 197, 163



165, 186, 173



165, 178, 202



186, 180, 200

Sweetspot

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



197, 197, 163



253, 255, 242



197, 163, 180



128, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



197, 197, 163



255, 255, 201



163, 197, 163



99, 97, 90



161, 163, 0



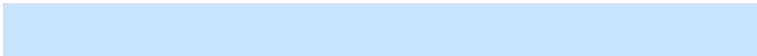
36, 36, 0

Inverse Universe

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



163, 174, 197



201, 219, 255



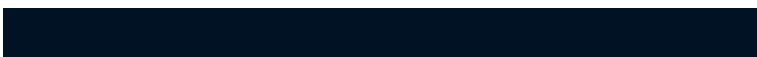
163, 163, 197



90, 93, 99



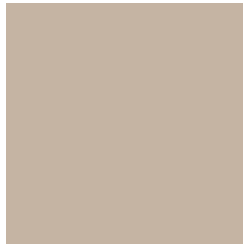
0, 55, 163



0, 12, 36

Previews

White Background



This preview shows how the RYB color 197, 197, 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 197, 197, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

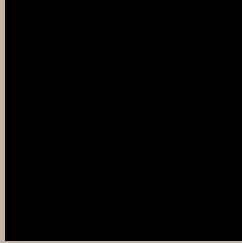
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

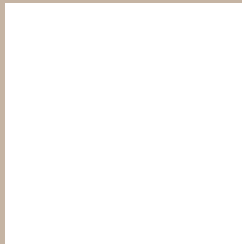
Any Text WCAG AAA ✓ Pass

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

RYB 197, 197, 163 Background



This preview shows how black text looks on a background with the RYB color 197, 197, 163.



This preview shows how white text looks on a background with the RYB color 197, 197, 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



Original Color
197, 197, 163

Protanopia
176, 190, 164

Deuteranopia
207, 181, 164



Tritanopia
200, 176, 190

Trichromacy



Original Color

197, 197, 163

Protanomaly

184, 193, 164

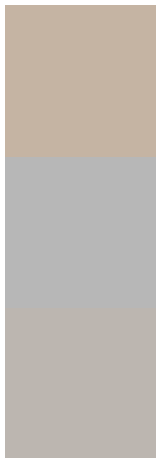
Deuteranomaly

203, 184, 164

Tritanomaly

199, 177, 180

Monochromacy



Original Color

197, 197, 163

Achromatopsia

183, 183, 183

Achromatomaly

188, 188, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 197, 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(197, 180, 163) looks like.

```
.text, #text, p{  
    color:rgb(197, 180, 163)  
}
```

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, 180, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 180, 163) }
```

Border

The CSS property to change the border of an element to RYB 197, 197, 163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

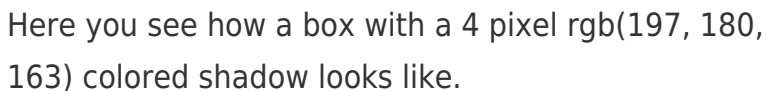
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 180, 163) }
```

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

```
.border{ border-color:rgb(197, 180, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 180, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 180, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 180, 163); box-shadow:4px 4px 4px 4px rgb(197, 180, 163) }
```

Background

The CSS property to change the background color of an element to RYB 197, 197, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 180, 163) }
```

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

```
.background{ background-color: rgb(197,  
180, 163) }
```

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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