

Converting Colors

`RYB(196, 173, 170)`

Have a look what the booklet for
RYB(196, 173, 170) contains.

RYB(196, 173, 170)	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

R_YB(196, 173, 170)

Conversions

Conversions Part 1

Format	Color
Hex	C4ADAA
RGB	196, 173, 170
RGB Percent	77%, 68%, 67%
CMY	0.2314, 0.3228, 0.3333
CMYK	0.00, 0.12, 0.13, 0.23
HSL	6°, 18%, 72%
HSV	6°, 13%, 77%
XYZ	44.9048, 44.4063, 44.2347
YIQ	179.5350, 14.6710, 3.9430

Conversions

Conversions Part 2

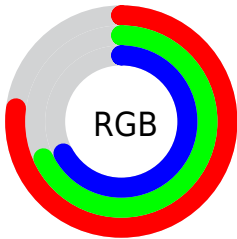
Format	Color
RYB	196, 173, 170
Decimal	12889514
CIELab	72.50, 7.96, 4.46
CIElCh	72, 9.124, 29.254
Yxy	44.4063, 0.3362, 0.3325
Android (android.graphics.Color)	4291079594 (0xFFC4ADAA)
YUV	179.5350, -4.7008, 14.4398
Hunter-Lab	66.6380, 3.6676, 7.2896

Details

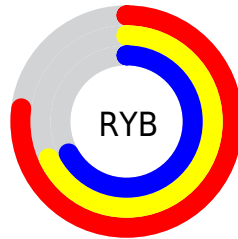
The RYB color **196, 173, 170** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **170, 182, 196**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **253, 228, 225**, and **142, 121, 118** is the 20% darker color. If you saturate the color by 10%, you get **196, 156, 150**, and if you desaturate by 10%, it is **196, 190, 190**.

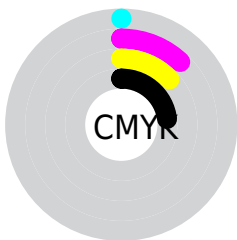
Distribution



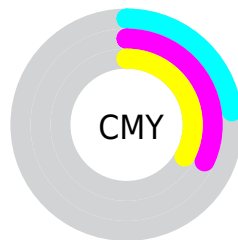
- Red (77%)
- Green (68%)
- Blue (67%)



- Red (77%)
- Yellow (68%)
- Blue (67%)



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (23%)



- Cyan (23%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 173, 170 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 196, 173, 170 by changing the saturation by 10% instead.

 196, 173, 170

255, 255, 255


 253, 228, 225


254, 255, 254

 196, 173, 170

 169, 146, 144

 142, 120, 118

 116, 96, 93

 91, 72, 70


 68, 49, 47

 45, 28, 27

 26, 3, 0


 0, 0, 0

 196, 173, 170


 196, 173, 170

 196, 156, 150


 196, 190, 190

 196, 139, 131

 196, 202, 209

 196, 121, 111

 196, 211, 229

 196, 103, 92

 196, 221, 248

 196, 87, 72

 196, 226, 255

 196, 69, 52

 196, 52, 33

 196, 34, 13

 196, 22, 0

Harmonies

Analogous

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



195, 172, 178



196, 173, 170



192, 180, 164

Triad

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



196, 173, 170



166, 179, 182



169, 176, 194

Complementary

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



196, 173, 170



170, 182, 196

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.



161, 173, 192



196, 173, 170



159, 173, 183

Square

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



196, 173, 170



163, 180, 167



157, 171, 186



179, 176, 192

Rectangle

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



196, 173, 170



184, 188, 162



157, 171, 186



166, 175, 194

Sweetspot

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



196, 173, 170



255, 246, 245



196, 170, 193



128, 122, 121



0, 0, 0



128, 128, 128

Same Dimension

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



196, 173, 170



255, 218, 214



186, 196, 170



97, 88, 87



161, 19, 0



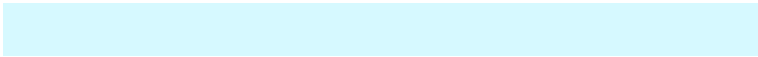
33, 3, 0

Inverse Universe

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



170, 182, 196



214, 233, 255



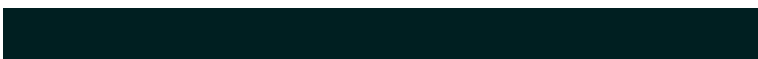
170, 177, 196



87, 92, 97



0, 76, 161



0, 16, 33

Previews

White Background



This preview shows how the RYB color 196, 173, 170 looks on a white background.

Color Contrast Check

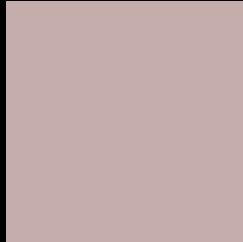
Large Text (above 18pt) WCAG AA × Fail

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 196, 173, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

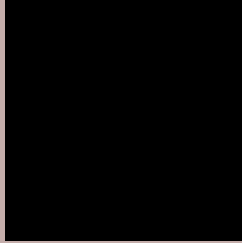
Any Text WCAG AA ✓ Pass

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 196, 173, 170 Background



This preview shows how black text looks on a background with the RYB color 196, 173, 170.



This preview shows how white text looks on a background with the RYB color 196, 173, 170.

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
196, 173, 170

Protanopia
182, 182, 172

Deuteranopia
198, 172, 170



Tritanopia
198, 171, 184

Trichromacy



Original Color
196, 173, 170

Protanomaly
187, 176, 171

Deuteranomaly
197, 172, 170

Tritanomaly
197, 172, 179

Monochromacy



Original Color
196, 173, 170

Achromatopsia
179, 179, 179

Achromatomaly
185, 177, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 173, 170 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(196, 173, 170) looks like.

```
.text, #text, p{  
    color:rgb(196, 173, 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(196, 173, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 173, 170) }
```

Border

The CSS property to change the border of an element to RYB 196, 173, 170 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(196, 173, 170) }
```

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

```
.border{ border-color:rgb(196, 173, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 173, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 173, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 173, 170);  
box-shadow:4px 4px 4px 4px rgb(196, 173,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 196, 173, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 173, 170) }
```

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

```
.background{ background-color: rgb(196,  
173, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor