

Converting Colors

`RYB(174, 196, 172)`

Have a look what the booklet for
RYB(174, 196, 172) contains.

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Color

$\text{RYB}(174, 196, 172)$

Conversions

Conversions Part 1

Format	Color
Hex	C4C2AC
RGB	196, 194, 172
RGB Percent	77%, 76%, 67%
CMY	0.2314, 0.2386, 0.3255
CMYK	0.00, 0.01, 0.12, 0.23
HSL	55°, 17%, 72%
HSV	55°, 12%, 77%
XYZ	49.5374, 53.3664, 46.7196
YIQ	192.0900, 8.2540, -6.4180

Conversions

Conversions Part 2

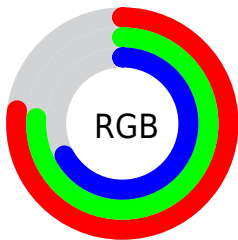
Format	Color
RYB	174, 196, 172
Decimal	12894892
CIELab	78.09, -3.19, 11.38
CIELCh	78, 11.814, 105.642
Yxy	53.3664, 0.3311, 0.3567
Android (android.graphics.Color)	4291084972 (0xFFC4C2AC)
YUV	192.0900, -9.9044, 3.4291
Hunter-Lab	73.0523, -6.7992, 13.2185

Details

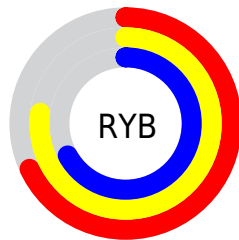
The RYB color **174, 196, 172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **172, 174, 196**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **230, 253, 227**, and **122, 142, 120** is the 20% darker color. If you saturate the color by 10%, you get **155, 196, 152**, and if you desaturate by 10%, it is **192, 196, 192**.

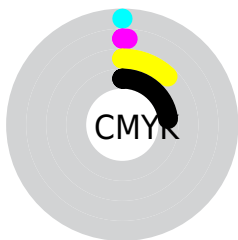
Distribution



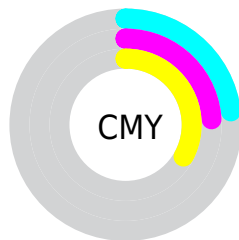
- Red (77%)
- Green (76%)
- Blue (67%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (23%)



- Cyan (23%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RYB color 174, 196, 172 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 174, 196, 172 by changing the saturation by 10% instead.


 174, 196, 172

255, 255, 255

 229, 253, 227

 174, 196, 172

 147, 169, 145

 121, 142, 120

 97, 117, 95

 72, 92, 71

 50, 68, 49

 29, 46, 28

 4, 26, 2

 0, 0, 0

 174, 196, 172

 174, 196, 172

■ 155, 196, 152

■ 192, 196, 192

■ 138, 196, 133

■ 196, 197, 211

■ 119, 196, 113

■ 196, 199, 231

■ 103, 196, 94

■ 196, 200, 250

■ 84, 196, 74

■ 196, 201, 255

■ 66, 196, 54

■ 196, 202, 255

■ 48, 196, 35

■ 196, 204, 255

■ 30, 196, 15

■ 196, 205, 255

■ 16, 196, 0

■ 196, 206, 255

Harmonies

Analogous

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



201, 207, 172



174, 196, 172



178, 197, 192

Triad

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



174, 196, 172



167, 185, 208



212, 186, 199

Complementary

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



174, 196, 172



172, 174, 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.



202, 189, 208



174, 196, 172



176, 189, 214

Square

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



174, 196, 172



166, 183, 200



189, 192, 214



217, 186, 188

Rectangle

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



174, 196, 172



176, 193, 199



189, 192, 214



210, 187, 202

Sweetspot

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



174, 196, 172



246, 255, 245



196, 172, 174



122, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



174, 196, 172



220, 255, 217



172, 196, 182



88, 97, 87



14, 161, 0



2, 33, 0

Inverse Universe

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



172, 174, 196



217, 220, 255



182, 172, 196



87, 88, 97



0, 11, 161



0, 3, 33

Previews

White Background



This preview shows how the RYB color 174, 196, 172 looks on a white background.

Color Contrast Check

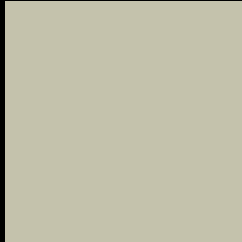
Large Text (above 18pt) WCAG AA × Fail

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 174, 196, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

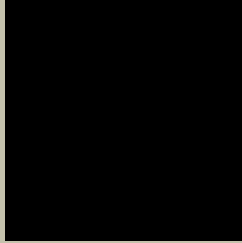
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

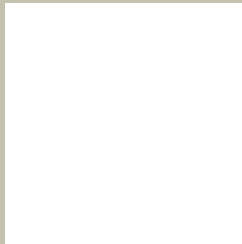
Any Text WCAG AAA ✓ Pass

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

RYB 174, 196, 172 Background



This preview shows how black text looks on a background with the RYB color 174, 196, 172.



This preview shows how white text looks on a background with the RYB color 174, 196, 172.

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
174, 196, 172

Protanopia
186, 202, 171

Deuteranopia
219, 190, 174



Tritanopia
201, 189, 204

Trichromacy



Original Color

174, 196, 172

Protanomaly

180, 200, 171

Deuteranomaly

211, 201, 173

Tritanomaly

199, 191, 192

Monochromacy



Original Color

174, 196, 172

Achromatopsia

192, 192, 192

Achromatomaly

185, 193, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 196, 172 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, 194, 172) looks like.

```
.text, #text, p{  
    color:rgb(196, 194, 172)  
}
```

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, 194, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 194, 172) }
```

Border

The CSS property to change the border of an element to RYB 174, 196, 172 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, 194, 172) }
```

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

```
.border{ border-color:rgb(196, 194, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 194, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 194, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 194, 172);  
box-shadow:4px 4px 4px 4px rgb(196, 194,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 174, 196, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 194, 172) }
```

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

```
.background{ background-color: rgb(196,  
194, 172) }
```

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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