

Converting Colors

`RYB(182, 198, 172)`

Have a look what the booklet for
RYB(182, 198, 172) contains.

RYB(182, 198, 172)	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(182, 198, 172)

Conversions

Conversions Part 1

Format	Color
Hex	C6BFAC
RGB	198, 191, 172
RGB Percent	78%, 75%, 67%
CMY	0.2235, 0.2519, 0.3255
CMYK	0.00, 0.04, 0.13, 0.22
HSL	43°, 19%, 73%
HSV	43°, 13%, 78%
XYZ	49.3175, 52.1491, 46.4962
YIQ	190.9270, 10.2710, -4.4250

Conversions

Conversions Part 2

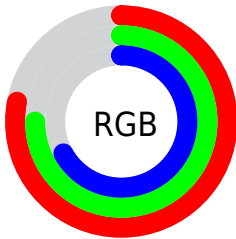
Format	Color
RYB	182, 198, 172
Decimal	13025196
CIELab	77.37, -0.67, 10.37
CIELCh	77, 10.396, 93.718
Yxy	52.1491, 0.3333, 0.3524
Android (android.graphics.Color)	4291215276 (0xFFC6BFAC)
YUV	190.9270, -9.3310, 6.2030
Hunter-Lab	72.2143, -4.4717, 12.3753

Details

The RYB color **182, 198, 172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **172, 178, 198**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **238, 255, 227**, and **128, 144, 120** is the 20% darker color. If you saturate the color by 10%, you get **170, 198, 152**, and if you desaturate by 10%, it is **195, 198, 192**.

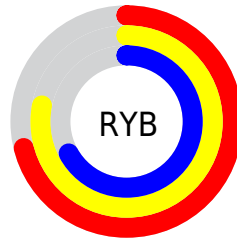
Distribution



Red (78%)

Green (75%)

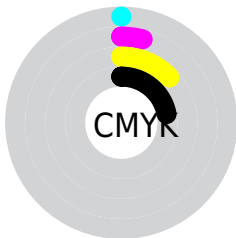
Blue (67%)



Red (71%)

Yellow (78%)

Blue (67%)

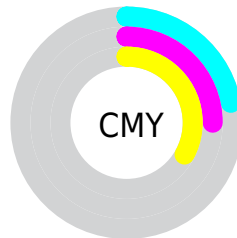


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 198, 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 182, 198, 172 by changing the saturation by 10% instead.

 182, 198, 172


255, 255, 255

 238, 255, 227

 182, 198, 172

 155, 171, 145

 130, 144, 120

 103, 118, 95

 79, 94, 71

 57, 70, 49

 35, 47, 28

 8, 27, 2


 0, 0, 0

 182, 198, 172


 182, 198, 172

 170, 198, 152


 195, 198, 192

 157, 198, 132

 198, 201, 212

 146, 198, 113


 198, 205, 231

 133, 198, 93

 198, 210, 251

 122, 198, 73

 198, 213, 255

 108, 198, 53


 198, 216, 255

 97, 198, 33

 198, 218, 255

 85, 198, 14

 198, 220, 255

 76, 198, 0

 198, 222, 255

Harmonies

Analogous

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



207, 198, 174



182, 198, 172



175, 194, 182

Triad

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



182, 198, 172



167, 183, 201



205, 186, 200

Complementary

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



182, 198, 172



172, 178, 198

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.



195, 188, 207



182, 198, 172



172, 186, 208

Square

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



182, 198, 172



169, 184, 197



183, 189, 210



211, 185, 190

Rectangle

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



182, 198, 172



179, 195, 194



183, 189, 210



202, 186, 203

Sweetspot

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



182, 198, 172



249, 255, 245



198, 172, 179



124, 128, 121



0, 0, 0



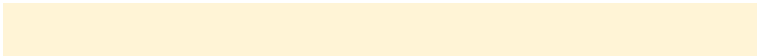
128, 128, 128

Same Dimension

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



182, 198, 172



229, 255, 214



172, 198, 178



93, 99, 90



62, 163, 0



14, 36, 0

Inverse Universe

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



172, 178, 198



214, 223, 255



178, 172, 198



90, 92, 99



0, 35, 163



0, 8, 36

Previews

White Background



This preview shows how the RYB color 182, 198, 172 looks on a white background.

Color Contrast Check

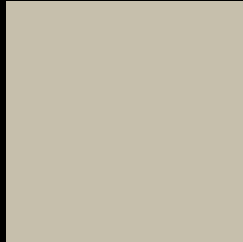
Large Text (above 18pt) WCAG AA × Fail

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 182, 198, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

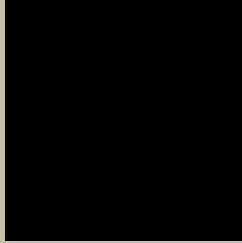
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

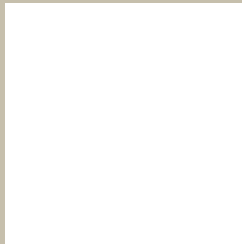
Any Text WCAG AAA ✓ Pass

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

RYB 182, 198, 172 Background



This preview shows how black text looks on a background with the RYB color 182, 198, 172.

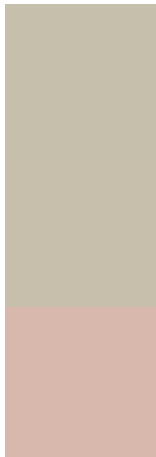


This preview shows how white text looks on a background with the RYB color 182, 198, 172.

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
182, 198, 172

Protanopia
186, 199, 172

Deuteranopia
216, 188, 173



Tritanopia
202, 187, 201

Trichromacy



Original Color

182, 198, 172

Protanomaly

186, 199, 172

Deuteranomaly

209, 193, 173

Tritanomaly

201, 188, 190

Monochromacy



Original Color

182, 198, 172

Achromatopsia

191, 191, 191

Achromatomaly

188, 194, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 182, 198, 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(198, 191, 172) looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 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(198, 191, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 172) }
```

Border

The CSS property to change the border of an element to RYB 182, 198, 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(198, 191, 172) }
```

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

```
.border{ border-color:rgb(198, 191, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 191, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 191, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 191, 172);  
box-shadow:4px 4px 4px 4px rgb(198, 191,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 182, 198, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 172) }
```

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

```
.background{ background-color: rgb(198,  
191, 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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