

Converting Colors

`RYB(174, 198, 155)`

Have a look what the booklet for
RYB(174, 198, 155) contains.

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Color

RYP(174, 198, 155)

Conversions

Conversions Part 1

Format	Color
Hex	C6B99B
RGB	198, 185, 155
RGB Percent	78%, 73%, 61%
CMY	0.2235, 0.2752, 0.3922
CMYK	0.00, 0.07, 0.22, 0.22
HSL	42°, 27%, 69%
HSV	42°, 22%, 78%
XYZ	46.5170, 48.9961, 38.0158
YIQ	185.4670, 17.3780, -6.5740

Conversions

Conversions Part 2

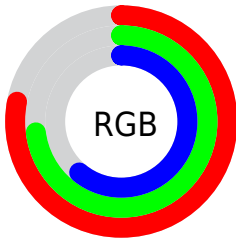
Format	Color
RYB	174, 198, 155
Decimal	13023643
CIELab	75.45, -0.15, 16.84
CIELCh	75, 16.840, 90.502
Yxy	48.9961, 0.3484, 0.3669
Android (android.graphics.Color)	4291213723 (0xFFC6B99B)
YUV	185.4670, -15.0202, 10.9914
Hunter-Lab	69.9972, -3.8720, 16.7973

Details

The RYB color **174, 198, 155** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **155, 165, 198**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **230, 255, 210**, and **121, 144, 104** is the 20% darker color. If you saturate the color by 10%, you get **162, 198, 135**, and if you desaturate by 10%, it is **185, 198, 175**.

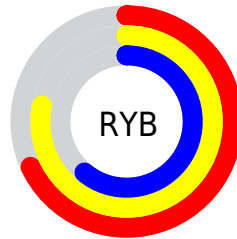
Distribution



Red (78%)

Green (73%)

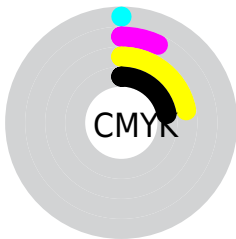
Blue (61%)



Red (68%)

Yellow (78%)

Blue (61%)

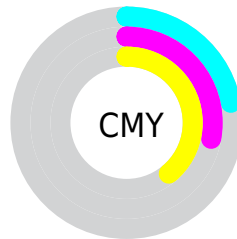


Cyan (0%)

Magenta (7%)

Yellow (22%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 198, 155 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, 198, 155 by changing the saturation by 10% instead.

 174, 198, 155


255, 255, 255

 230, 255, 210


 238, 255, 238

 174, 198, 155

 148, 171, 129

 121, 144, 104

 95, 118, 80


 70, 93, 56


 47, 69, 35


 25, 46, 14

 10, 24, 0


 0, 0, 0


 174, 198, 155


 174, 198, 155

 162, 198, 135

 185, 198, 175

 151, 198, 115


 197, 198, 195

 141, 198, 96

 198, 202, 214

 129, 198, 76


 198, 206, 234

 120, 198, 56

 198, 211, 254

 108, 198, 36

 198, 214, 255

 97, 198, 16

 198, 217, 255

 88, 198, 0

 198, 220, 255

 198, 222, 255

Harmonies

Analogous

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



211, 194, 159



174, 198, 155



159, 190, 168

Triad

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



174, 198, 155



145, 171, 201



206, 177, 201

Complementary

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



174, 198, 155



155, 165, 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.



189, 182, 213



174, 198, 155



152, 176, 212

Square

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



174, 198, 155



150, 175, 195



169, 182, 217



217, 175, 186

Rectangle

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



174, 198, 155



166, 192, 189



169, 182, 217



201, 179, 206

Sweetspot

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



174, 198, 155



244, 255, 237



198, 155, 169



123, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



174, 198, 155



218, 255, 189



155, 198, 163



95, 99, 90



72, 163, 0



16, 36, 0

Inverse Universe

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



155, 165, 198



189, 204, 255



163, 155, 198



90, 92, 99



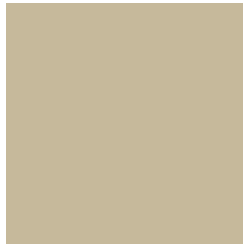
0, 38, 163



0, 8, 36

Previews

White Background



This preview shows how the RYB color 174, 198, 155 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, 198, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

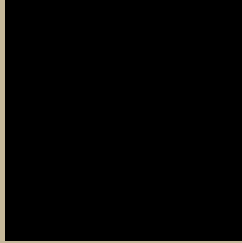
Any Text WCAG AA ✓ Pass

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, 198, 155 Background



This preview shows how black text looks on a background with the RYB color 174, 198, 155.



This preview shows how white text looks on a background with the RYB color 174, 198, 155.

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, 198, 155

Protanopia
170, 196, 155

Deuteranopia
214, 194, 156



Tritanopia
203, 179, 193

Trichromacy



Original Color

174, 198, 155

Protanomaly

172, 197, 155

Deuteranomaly

208, 204, 156

Tritanomaly

201, 181, 179

Monochromacy



Original Color

174, 198, 155

Achromatopsia

185, 185, 185

Achromatomaly

181, 190, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 198, 155 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, 185, 155) looks like.

```
.text, #text, p{  
    color:rgb(198, 185, 155)  
}
```

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, 185, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 185, 155) }
```

Border

The CSS property to change the border of an element to RYB 174, 198, 155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

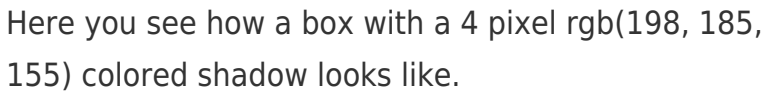
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 185, 155) }
```

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

```
.border{ border-color:rgb(198, 185, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 185, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 185, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 185, 155);  
box-shadow:4px 4px 4px 4px rgb(198, 185,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 174, 198, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 185, 155) }
```

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

```
.background{ background-color: rgb(198,  
185, 155) }
```

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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