

Converting Colors

`RYB(179, 202, 155)`

Have a look what the booklet for
RYB(179, 202, 155) contains.

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Color

R_YB(179, 202, 155)

Conversions

Conversions Part 1

Format	Color
Hex	CABA9B
RGB	202, 186, 155
RGB Percent	79%, 73%, 61%
CMY	0.2078, 0.2701, 0.3922
CMYK	0.00, 0.08, 0.23, 0.21
HSL	40°, 31%, 70%
HSV	40°, 23%, 79%
XYZ	47.8562, 50.0884, 38.1561
YIQ	187.2500, 19.4870, -6.2490

Conversions

Conversions Part 2

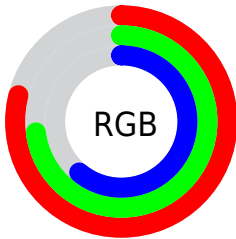
Format	Color
RYB	179, 202, 155
Decimal	13286043
CIELab	76.12, 0.69, 17.83
CIELCh	76, 17.843, 87.784
Yxy	50.0884, 0.3516, 0.3680
Android (android.graphics.Color)	4291476123 (0xFFCABA9B)
YUV	187.2500, -15.8993, 12.9358
Hunter-Lab	70.7732, -3.1530, 17.5761

Details

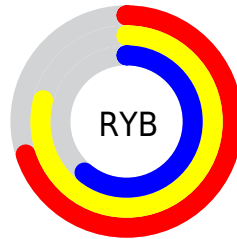
The RYB color **179, 202, 155** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **155, 167, 202**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **228, 255, 210**, and **125, 147, 104** is the 20% darker color. If you saturate the color by 10%, you get **170, 202, 135**, and if you desaturate by 10%, it is **189, 202, 175**.

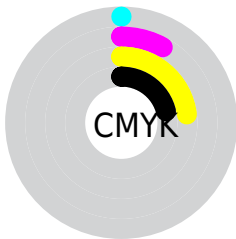
Distribution



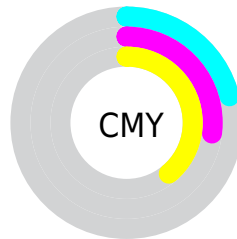
- Red (79%)
- Green (73%)
- Blue (61%)



- Red (70%)
- Yellow (79%)
- Blue (61%)



- Cyan (0%)
- Magenta (8%)
- Yellow (23%)
- Black (21%)



- Cyan (21%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 202, 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 179, 202, 155 by changing the saturation by 10% instead.

 179, 202, 155

255, 255, 255

 228, 255, 210

 238, 255, 238


 179, 202, 155

 152, 174, 129

 125, 147, 104

 99, 121, 80

 73, 96, 56

 51, 72, 35

 27, 49, 13

 11, 27, 0


 0, 0, 0

 179, 202, 155


 179, 202, 155

 170, 202, 135

 189, 202, 175

 161, 202, 115


 198, 202, 195

 148, 202, 94


 202, 206, 216

 139, 202, 74


 202, 210, 236

 130, 202, 54

 202, 215, 255

 120, 202, 34

 202, 219, 255

 111, 202, 14

 202, 222, 255

 103, 202, 0

 202, 224, 255

 202, 227, 255

Harmonies

Analogous

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



216, 194, 160



179, 202, 155



158, 191, 165

Triad

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



179, 202, 155



144, 172, 202



208, 179, 205

Complementary

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



179, 202, 155



155, 167, 202

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, 184, 217



179, 202, 155



151, 177, 215

Square

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



179, 202, 155



150, 177, 197



168, 183, 220



220, 176, 190

Rectangle

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



179, 202, 155



165, 194, 188



168, 183, 220



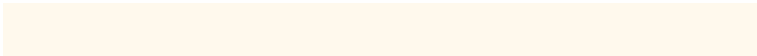
202, 180, 210

Sweetspot

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



179, 202, 155



246, 255, 237



202, 155, 171



123, 128, 117



0, 0, 0



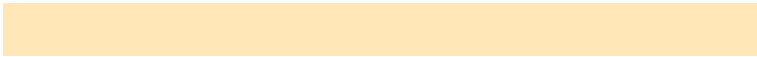
128, 128, 128

Same Dimension

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



179, 202, 155



220, 255, 184



155, 202, 162



96, 102, 92



85, 166, 0



20, 38, 0

Inverse Universe

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



155, 167, 202



184, 202, 255



162, 155, 202



92, 94, 102



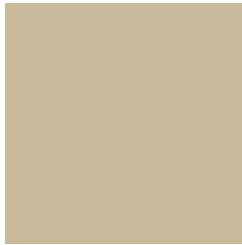
0, 42, 166



0, 10, 38

Previews

White Background



This preview shows how the RYB color 179, 202, 155 looks on a white background.

Color Contrast Check

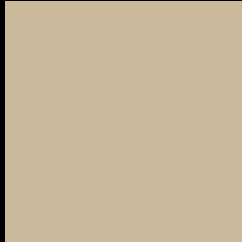
Large Text (above 18pt) WCAG AA × Fail

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 179, 202, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

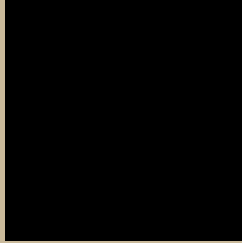
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

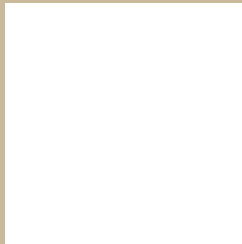
Any Text WCAG AAA ✓ Pass

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

RYB 179, 202, 155 Background



This preview shows how black text looks on a background with the RYB color 179, 202, 155.



This preview shows how white text looks on a background with the RYB color 179, 202, 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
179, 202, 155

Protanopia
171, 198, 156

Deuteranopia
217, 198, 156



Tritanopia
207, 181, 195

Trichromacy



Original Color

179, 202, 155

Protanomaly

173, 199, 156

Deuteranomaly

212, 208, 156

Tritanomaly

205, 183, 180

Monochromacy



Original Color

179, 202, 155

Achromatopsia

187, 187, 187

Achromatomaly

182, 192, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 202, 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(202, 186, 155) looks like.

```
.text, #text, p{  
    color:rgb(202, 186, 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(202, 186, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 186, 155) }
```

Border

The CSS property to change the border of an element to RYB 179, 202, 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(202, 186, 155) }
```

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

```
.border{ border-color:rgb(202, 186, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 186, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 186, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 186, 155);  
box-shadow:4px 4px 4px 4px rgb(202, 186,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 179, 202, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 186, 155) }
```

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

```
.background{ background-color: rgb(202,  
186, 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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