

Converting Colors

`RYB(190, 222, 155)`

Have a look what the booklet for
RYB(190, 222, 155) contains.

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Color

R_YB(190, 222, 155)

Conversions

Conversions Part 1

Format	Color
Hex	DEC79B
RGB	222, 199, 155
RGB Percent	87%, 78%, 61%
CMY	0.1294, 0.2196, 0.3922
CMYK	0.00, 0.10, 0.30, 0.13
HSL	39°, 50%, 74%
HSV	39°, 30%, 87%
XYZ	56.4663, 58.7475, 39.3737
YIQ	200.8610, 27.8320, -8.8080

Conversions

Conversions Part 2

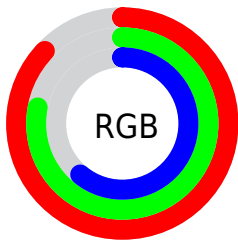
Format	Color
RYB	190, 222, 155
Decimal	14600091
CIELab	81.15, 1.57, 25.02
CIELCh	81, 25.065, 86.419
Yxy	58.7475, 0.3653, 0.3800
Android (android.graphics.Color)	4292790171 (0xFFDEC79B)
YUV	200.8610, -22.6095, 18.5389
Hunter-Lab	76.6469, -2.6300, 23.1955

Details

The RYB color **190, 222, 155** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **155, 172, 222**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **210, 255, 210**, and **135, 166, 103** is the 20% darker color. If you saturate the color by 10%, you get **181, 222, 133**, and if you desaturate by 10%, it is **200, 222, 177**.

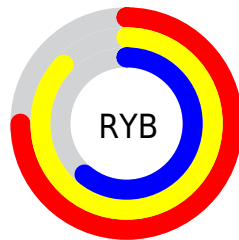
Distribution



Red (87%)

Green (78%)

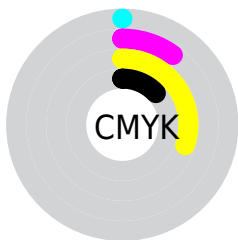
Blue (61%)



Red (75%)

Yellow (87%)

Blue (61%)

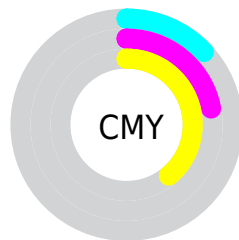


Cyan (0%)

Magenta (10%)

Yellow (30%)

Black (13%)



Cyan (13%)

Magenta (22%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 222, 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 190, 222, 155 by changing the saturation by 10% instead.


 190, 222, 155

255, 255, 255

 210, 255, 210


 238, 255, 238

 190, 222, 155


 162, 194, 129


 135, 166, 103


 107, 139, 79

 82, 113, 56

 56, 87, 33

 31, 63, 12

 17, 40, 0

 11, 4, 0

 0, 0, 0


 190, 222, 155


 190, 222, 155

 181, 222, 133


 200, 222, 177

 169, 222, 111

 211, 222, 199

 158, 222, 88

 222, 222, 222

 146, 222, 66


 222, 227, 244

 137, 222, 44

 222, 232, 255

 127, 222, 22

 222, 236, 255

 116, 222, 0

 222, 238, 255

 222, 239, 255

Harmonies

Analogous

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



241, 207, 163



190, 222, 155



159, 206, 168

Triad

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



190, 222, 155



135, 176, 222



229, 189, 228

Complementary

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



190, 222, 155



155, 172, 222

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, 197, 243



190, 222, 155



144, 183, 240

Square

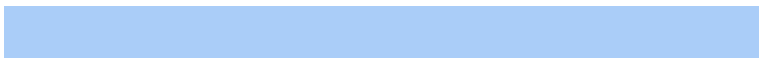
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



190, 222, 155



147, 186, 215



170, 194, 248



246, 185, 205

Rectangle

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



190, 222, 155



169, 210, 200



170, 194, 248



221, 191, 234

Sweetspot

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



190, 222, 155



244, 255, 232



222, 155, 178



121, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



190, 222, 155



210, 255, 163



155, 222, 165



107, 112, 101



91, 176, 0



24, 48, 0

Inverse Universe

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



155, 172, 222



163, 187, 255



165, 155, 222



101, 104, 112



0, 45, 176



0, 13, 48

Previews

White Background



This preview shows how the RYB color 190, 222, 155 looks on a white background.

Color Contrast Check

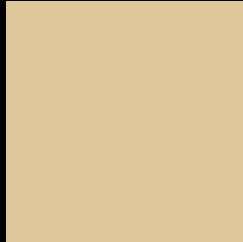
Large Text (above 18pt) WCAG AA × Fail

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 190, 222, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

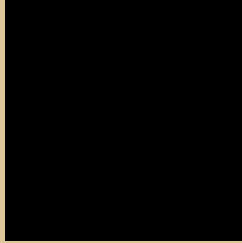
Any Text WCAG AA ✓ Pass

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 190, 222, 155 Background



This preview shows how black text looks on a background with the RYB color 190, 222, 155.



This preview shows how white text looks on a background with the RYB color 190, 222, 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
190, 222, 155

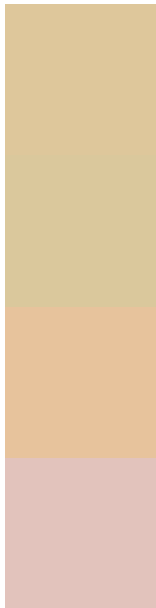
Protanopia
174, 215, 156

Deuteranopia
236, 225, 156



Tritanopia
228, 192, 207

Trichromacy



Original Color

190, 222, 155

Protanomaly

181, 218, 156

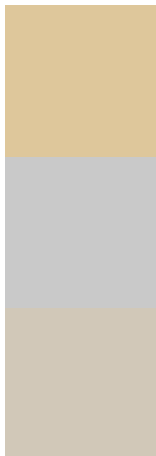
Deuteranomaly

225, 231, 156

Tritanomaly

226, 197, 188

Monochromacy



Original Color

190, 222, 155

Achromatopsia

201, 201, 201

Achromatomaly

198, 209, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 222, 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(222, 199, 155)` looks like.

```
.text, #text, p{  
    color:rgb(222, 199, 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(222, 199, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 199, 155) }
```

Border

The CSS property to change the border of an element to RYB 190, 222, 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(222, 199, 155) }
```

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

```
.border{ border-color:rgb(222, 199, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 199, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 199, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 199, 155);  
box-shadow:4px 4px 4px 4px rgb(222, 199,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 190, 222, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 199, 155) }
```

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

```
.background{ background-color: rgb(222,  
199, 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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