

Converting Colors

`RYB(195, 221, 155)`

Have a look what the booklet for
RYB(195, 221, 155) contains.

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Color

R_YB(195, 221, 155)

Conversions

Conversions Part 1

Format	Color
Hex	DDC49B
RGB	221, 196, 155
RGB Percent	87%, 77%, 61%
CMY	0.1333, 0.2310, 0.3922
CMYK	0.00, 0.11, 0.30, 0.13
HSL	37°, 49%, 74%
HSV	37°, 30%, 87%
XYZ	55.4964, 57.2611, 39.1379
YIQ	198.8010, 28.0610, -7.4510

Conversions

Conversions Part 2

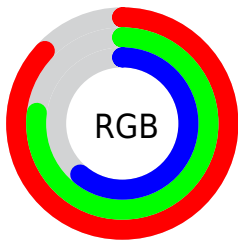
Format	Color
RYB	195, 221, 155
Decimal	14533787
CIELab	80.33, 2.71, 23.88
CIELCh	80, 24.030, 83.532
Yxy	57.2611, 0.3654, 0.3770
Android (android.graphics.Color)	4292723867 (0xFFDDC49B)
YUV	198.8010, -21.5939, 19.4685
Hunter-Lab	75.6711, -1.5143, 22.3044

Details

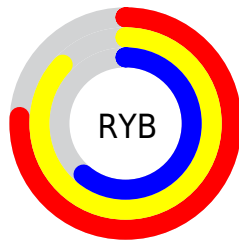
The RYB color **195, 221, 155** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **155, 173, 221**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **212, 255, 210**, and **141, 165, 104** is the 20% darker color. If you saturate the color by 10%, you get **186, 221, 133**, and if you desaturate by 10%, it is **205, 221, 177**.

Distribution



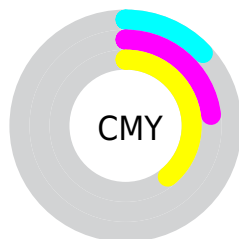
- Red (87%)
- Green (77%)
- Blue (61%)



- Red (76%)
- Yellow (87%)
- Blue (61%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (13%)



- Cyan (13%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 221, 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 195, 221, 155 by changing the saturation by 10% instead.


 195, 221, 155


255, 255, 255

 212, 255, 210

 238, 255, 238


 195, 221, 155

 167, 193, 129

 141, 165, 104

 112, 138, 79

 87, 112, 56

 61, 87, 34

 33, 62, 12

 20, 39, 0

 9, 0, 0

 0, 0, 0

■ 195, 221, 155

■ 195, 221, 155

■ 186, 221, 133

■ 205, 221, 177

■ 179, 221, 111

■ 212, 221, 199

■ 169, 221, 89

■ 221, 221, 221

■ 160, 221, 67

■ 221, 227, 243

■ 152, 221, 44

■ 221, 232, 255

■ 142, 221, 22

■ 221, 235, 255

■ 133, 221, 0

■ 221, 238, 255

■ 221, 238, 255

Harmonies

Analogous

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



238, 202, 164



195, 221, 155



158, 203, 164

Triad

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



195, 221, 155



137, 175, 216



224, 188, 226

Complementary

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



195, 221, 155



155, 173, 221

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.



197, 195, 240



195, 221, 155



143, 181, 235

Square

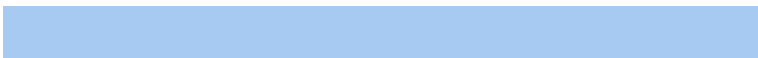
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



195, 221, 155



149, 186, 212



167, 191, 243



241, 184, 205

Rectangle

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



195, 221, 155



166, 207, 193



167, 191, 243



216, 190, 232

Sweetspot

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



195, 221, 155



247, 255, 232



221, 155, 180



123, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



195, 221, 155



219, 255, 163



155, 221, 163



105, 110, 99



104, 173, 0



27, 46, 0

Inverse Universe

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



155, 173, 221



163, 188, 255



163, 155, 221



99, 102, 110



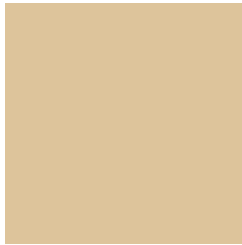
0, 47, 173



0, 12, 46

Previews

White Background



This preview shows how the RYB color 195, 221, 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 195, 221, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

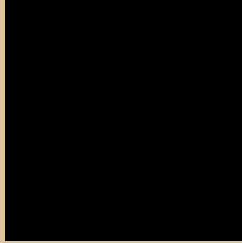
Any Text WCAG AA ✓ Pass

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 195, 221, 155 Background



This preview shows how black text looks on a background with the RYB color 195, 221, 155.



This preview shows how white text looks on a background with the RYB color 195, 221, 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
195, 221, 155

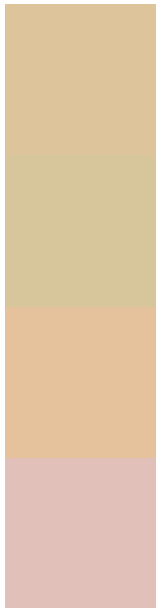
Protanopia
173, 212, 156

Deuteranopia
233, 220, 156



Tritanopia
227, 189, 204

Trichromacy



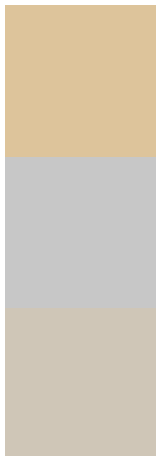
Original Color
195, 221, 155

Protanomaly
180, 215, 156

Deuteranomaly
227, 229, 156

Tritanomaly
225, 193, 186

Monochromacy



Original Color
195, 221, 155

Achromatopsia
199, 199, 199

Achromatomaly
197, 207, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 221, 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(221, 196, 155)` looks like.

```
.text, #text, p{  
    color:rgb(221, 196, 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(221, 196, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 196, 155) }
```

Border

The CSS property to change the border of an element to RYB 195, 221, 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(221, 196, 155) }
```

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

```
.border{ border-color:rgb(221, 196, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 196, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 196, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 196, 155);  
box-shadow:4px 4px 4px 4px rgb(221, 196,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 195, 221, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 196, 155) }
```

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

```
.background{ background-color: rgb(221,  
196, 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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