

Converting Colors

`RYB(185, 219, 156)`

Have a look what the booklet for
RYB(185, 219, 156) contains.

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Color

R_YB(185, 219, 156)

Conversions

Conversions Part 1

Format	Color
Hex	DBC79C
RGB	219, 199, 156
RGB Percent	86%, 78%, 61%
CMY	0.1412, 0.2191, 0.3882
CMYK	0.00, 0.09, 0.29, 0.14
HSL	41°, 47%, 74%
HSV	41°, 29%, 86%
XYZ	55.6701, 58.3723, 39.7853
YIQ	200.0780, 25.7230, -9.1330

Conversions

Conversions Part 2

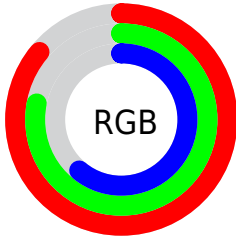
Format	Color
RYB	185, 219, 156
Decimal	14403484
CIELab	80.95, 0.47, 24.16
CIELCh	81, 24.169, 88.876
Yxy	58.3723, 0.3619, 0.3795
Android (android.graphics.Color)	4292593564 (0xFFDBC79C)
YUV	200.0780, -21.7305, 16.5946
Hunter-Lab	76.4018, -3.6391, 22.6066

Details

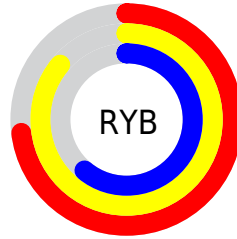
The RYB color **185, 219, 156** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **156, 171, 219**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **211, 255, 211**, and **130, 163, 104** is the 20% darker color. If you saturate the color by 10%, you get **174, 219, 134**, and if you desaturate by 10%, it is **197, 219, 178**.

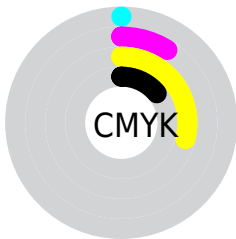
Distribution



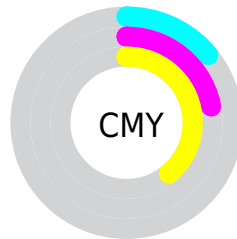
- Red (86%)
- Green (78%)
- Blue (61%)



- Red (73%)
- Yellow (86%)
- Blue (61%)



- Cyan (0%)
- Magenta (9%)
- Yellow (29%)
- Black (14%)



- Cyan (14%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 219, 156 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 185, 219, 156 by changing the saturation by 10% instead.


 185, 219, 156


255, 255, 255


 211, 255, 211


 239, 255, 239

 185, 219, 156

 158, 191, 130

 130, 163, 104

 102, 136, 80

 78, 110, 57

 53, 85, 34

 29, 61, 13

 14, 38, 0

 7, 5, 0

 0, 0, 0

 185, 219, 156


 185, 219, 156

 174, 219, 134

 197, 219, 178

 162, 219, 112

 209, 219, 200

 150, 219, 90


 219, 220, 222

 136, 219, 68

 219, 225, 244

 126, 219, 47


 219, 230, 255

 114, 219, 25

 219, 233, 255

 102, 219, 3

 219, 235, 255

 101, 219, 0

 219, 237, 255

 219, 237, 255

Harmonies

Analogous

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



238, 210, 163



185, 219, 156



161, 206, 172

Triad

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



185, 219, 156



138, 178, 222



230, 189, 225

Complementary

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



185, 219, 156



156, 171, 219

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.



204, 195, 240



185, 219, 156



148, 185, 239

Square

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



185, 219, 156



147, 185, 214



173, 194, 246



245, 185, 203

Rectangle

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



185, 219, 156



171, 210, 204



173, 194, 246



222, 191, 231

Sweetspot

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



185, 219, 156



242, 255, 232



219, 156, 176



121, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



185, 219, 156



207, 255, 166



156, 219, 168



105, 110, 99



79, 173, 0



22, 46, 0

Inverse Universe

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



156, 171, 219



166, 187, 255



168, 156, 219



99, 101, 110



0, 42, 173



0, 11, 46

Previews

White Background



This preview shows how the RYB color 185, 219, 156 looks on a white background.

Color Contrast Check

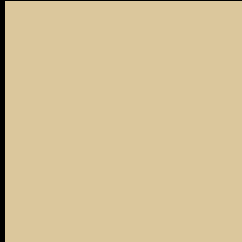
Large Text (above 18pt) WCAG AA × Fail

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 185, 219, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

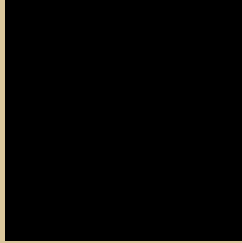
Any Text WCAG AA ✓ Pass

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 185, 219, 156 Background



This preview shows how black text looks on a background with the RYB color 185, 219, 156.



This preview shows how white text looks on a background with the RYB color 185, 219, 156.

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
185, 219, 156

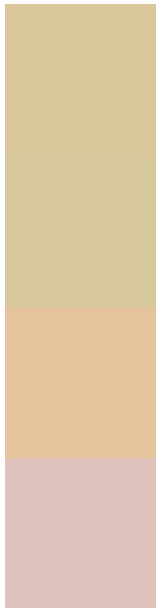
Protanopia
174, 214, 157

Deuteranopia
235, 224, 157



Tritanopia
225, 192, 207

Trichromacy



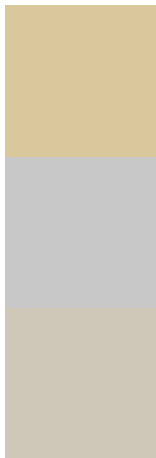
Original Color
185, 219, 156

Protanomaly
179, 216, 157

Deuteranomaly
221, 229, 157

Tritanomaly
223, 197, 188

Monochromacy



Original Color
185, 219, 156

Achromatopsia
200, 200, 200

Achromatomaly
194, 207, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 219, 156 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(219, 199, 156)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 156)  
}
```

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(219, 199, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 156) }
```

Border

The CSS property to change the border of an element to RYB 185, 219, 156 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(219, 199, 156) }
```

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

```
.border{ border-color:rgb(219, 199, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 199, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 199, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 199, 156);  
box-shadow:4px 4px 4px 4px rgb(219, 199,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 185, 219, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 156) }
```

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

```
.background{ background-color: rgb(219,  
199, 156) }
```

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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