

Converting Colors

`RYB(186, 223, 157)`

Have a look what the booklet for
RYB(186, 223, 157) contains.

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Color

R_YB(186, 223, 157)

Conversions

Conversions Part 1

Format	Color
Hex	DFCB9D
RGB	223, 203, 157
RGB Percent	87%, 80%, 62%
CMY	0.1255, 0.2045, 0.3843
CMYK	0.00, 0.09, 0.30, 0.13
HSL	42°, 51%, 75%
HSV	42°, 30%, 87%
XYZ	57.8384, 60.7646, 40.5786
YIQ	203.7360, 26.6860, -10.0660

Conversions

Conversions Part 2

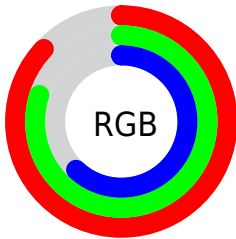
Format	Color
R _{YB}	186, 223, 157
Decimal	14666653
CIE Lab	82.25, 0.20, 25.47
CIE LCh	82, 25.474, 89.541
Yxy	60.7646, 0.3633, 0.3817
Android (android.graphics.Color)	4292856733 (0xFFDFCB9D)
YUV	203.7360, -23.0408, 16.8945
Hunter-Lab	77.9516, -3.9724, 23.7021

Details

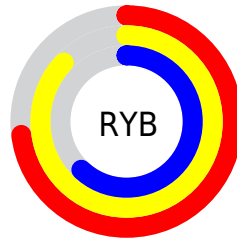
The RYB color **186, 223, 157** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **157, 172, 223**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **212, 255, 212**, and **130, 167, 105** is the 20% darker color. If you saturate the color by 10%, you get **174, 223, 135**, and if you desaturate by 10%, it is **197, 223, 179**.

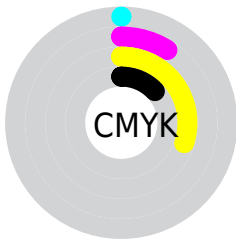
Distribution



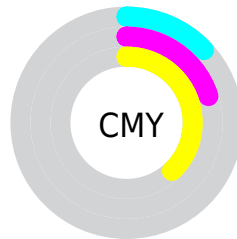
- Red (87%)
- Green (80%)
- Blue (62%)



- Red (73%)
- Yellow (87%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 223, 157 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 186, 223, 157 by changing the saturation by 10% instead.


 186, 223, 157


255, 255, 255

 212, 255, 212

 240, 255, 240

 186, 223, 157

 160, 195, 131

 130, 167, 105


 105, 140, 81

 79, 114, 57

 52, 88, 35

 29, 64, 13

 13, 41, 0

 8, 13, 0

 0, 0, 0

 186, 223, 157

 186, 223, 157

 174, 223, 135

 197, 223, 179

 161, 223, 112

 213, 223, 202

 149, 223, 90


 223, 223, 224

 135, 223, 68

 223, 228, 246

 124, 223, 46


 223, 233, 255

 111, 223, 23

 223, 236, 255

 99, 223, 1

 223, 238, 255

 98, 223, 0

 223, 239, 255

Harmonies

Analogous

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



243, 215, 164



186, 223, 157



163, 210, 176

Triad

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



186, 223, 157



137, 180, 227



235, 191, 229

Complementary

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



186, 223, 157



157, 172, 223

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.



208, 199, 246



186, 223, 157



148, 187, 245

Square

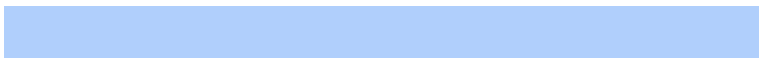
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



186, 223, 157



147, 187, 218



176, 198, 252



251, 188, 206

Rectangle

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



186, 223, 157



173, 214, 208



176, 198, 252



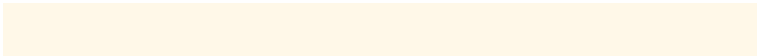
227, 193, 236

Sweetspot

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



186, 223, 157



242, 255, 232



223, 157, 178



121, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



186, 223, 157



203, 255, 163



157, 223, 169



105, 112, 101



78, 176, 0



20, 48, 0

Inverse Universe

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



157, 172, 223



163, 184, 255



169, 157, 223



101, 103, 112



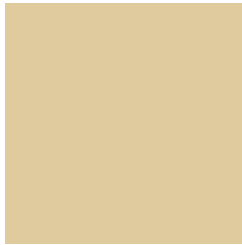
0, 41, 176



0, 11, 48

Previews

White Background



This preview shows how the RYB color 186, 223, 157 looks on a white background.

Color Contrast Check

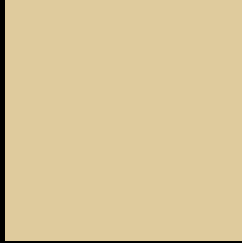
Large Text (above 18pt) WCAG AA × Fail

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 186, 223, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

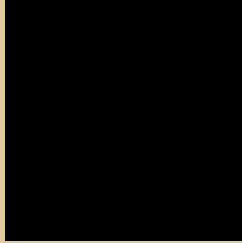
Any Text WCAG AA ✓ Pass

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 186, 223, 157 Background



This preview shows how black text looks on a background with the RYB color 186, 223, 157.



This preview shows how white text looks on a background with the RYB color 186, 223, 157.

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
186, 223, 157

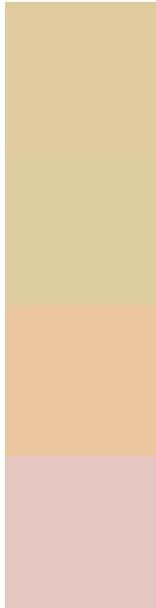
Protanopia
176, 218, 158

Deuteranopia
240, 229, 158



Tritanopia
229, 196, 211

Trichromacy



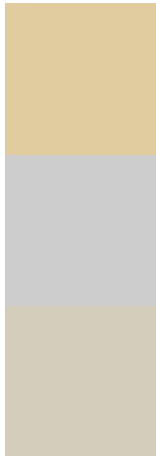
Original Color
186, 223, 157

Protanomaly
180, 220, 158

Deuteranomaly
226, 234, 158

Tritanomaly
227, 200, 191

Monochromacy



Original Color
186, 223, 157

Achromatopsia
204, 204, 204

Achromatomaly
197, 211, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 223, 157 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(223, 203, 157)` looks like.

```
.text, #text, p{  
    color:rgb(223, 203, 157)  
}
```

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(223, 203, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 203, 157) }
```

Border

The CSS property to change the border of an element to RYB 186, 223, 157 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(223, 203, 157) }
```

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

```
.border{ border-color:rgb(223, 203, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 203, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 203, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 203, 157);  
box-shadow:4px 4px 4px 4px rgb(223, 203,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 186, 223, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 203, 157) }
```

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

```
.background{ background-color: rgb(223,  
203, 157) }
```

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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