

Converting Colors

`RYB(186, 214, 157)`

Have a look what the booklet for
RYB(186, 214, 157) contains.

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Color

R_YB(186, 214, 157)

Conversions

Conversions Part 1

Format	Color
Hex	D6C39D
RGB	214, 195, 157
RGB Percent	84%, 76%, 62%
CMY	0.1608, 0.2362, 0.3843
CMYK	0.00, 0.09, 0.27, 0.16
HSL	40°, 41%, 73%
HSV	40°, 27%, 84%
XYZ	53.2830, 55.6617, 39.8338
YIQ	196.3490, 23.5220, -7.7900

Conversions

Conversions Part 2

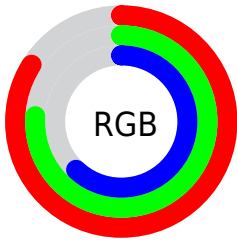
Format	Color
RYB	186, 214, 157
Decimal	14074781
CIELab	79.42, 0.98, 21.48
CIELCh	79, 21.500, 87.394
Yxy	55.6617, 0.3581, 0.3741
Android (android.graphics.Color)	4292264861 (0xFFD6C39D)
YUV	196.3490, -19.3991, 15.4799
Hunter-Lab	74.6068, -3.0800, 20.5689

Details

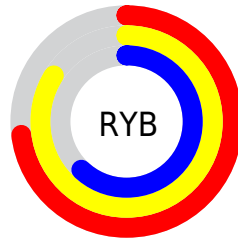
The RYB color **186, 214, 157** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **157, 171, 214**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **216, 255, 212**, and **132, 159, 105** is the 20% darker color. If you saturate the color by 10%, you get **175, 214, 136**, and if you desaturate by 10%, it is **196, 214, 178**.

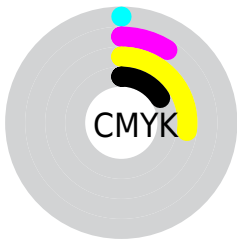
Distribution



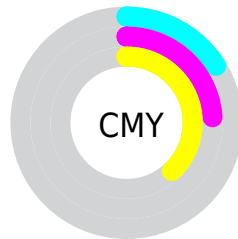
- Red (84%)
- Green (76%)
- Blue (62%)



- Red (73%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (27%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 214, 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, 214, 157 by changing the saturation by 10% instead.


 186, 214, 157


255, 255, 255


 216, 255, 212

 240, 255, 240

 186, 214, 157

 158, 186, 131

 132, 159, 105

 104, 132, 81

 80, 106, 58

 54, 81, 36

 30, 57, 15

 14, 35, 0

 0, 0, 0

 186, 214, 157


 186, 214, 157

 175, 214, 136


 196, 214, 178

 166, 214, 114


 208, 214, 200

 155, 214, 93

 214, 216, 221

 143, 214, 71


 214, 221, 243

 133, 214, 50

 214, 226, 255

 125, 214, 29

 214, 229, 255

 113, 214, 7

 214, 232, 255

 109, 214, 0

 214, 234, 255

 214, 235, 255

Harmonies

Analogous

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



230, 202, 164



186, 214, 157



161, 201, 170

Triad

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



186, 214, 157



142, 176, 214



221, 186, 219

Complementary

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



186, 214, 157



157, 171, 214

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.



198, 192, 232



186, 214, 157



150, 183, 230

Square

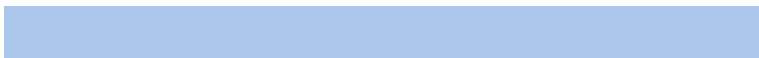
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



186, 214, 157



150, 183, 208



172, 191, 236



235, 183, 199

Rectangle

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



186, 214, 157



169, 205, 197



172, 191, 236



214, 188, 224

Sweetspot

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



186, 214, 157



246, 255, 235



214, 157, 177



123, 128, 115



0, 0, 0



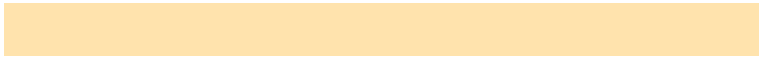
128, 128, 128

Same Dimension

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



186, 214, 157



216, 255, 173



157, 214, 166



102, 107, 96



88, 171, 0



21, 43, 0

Inverse Universe

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



157, 171, 214



173, 194, 255



166, 157, 214



96, 99, 107



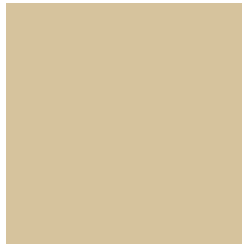
0, 43, 171



0, 11, 43

Previews

White Background



This preview shows how the RYB color 186, 214, 157 looks on a white background.

Color Contrast Check

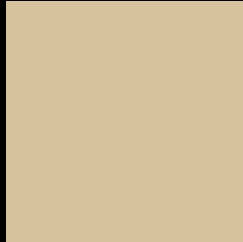
Large Text (above 18pt) WCAG AA × Fail

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, 214, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

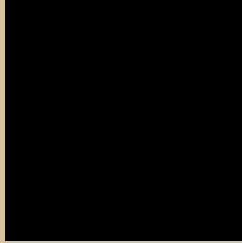
Any Text WCAG AA ✓ Pass

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, 214, 157 Background



This preview shows how black text looks on a background with the RYB color 186, 214, 157.



This preview shows how white text looks on a background with the RYB color 186, 214, 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, 214, 157

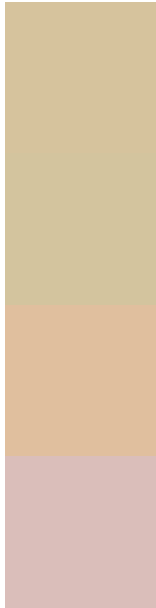
Protanopia
175, 209, 158

Deuteranopia
229, 213, 158



Tritanopia
220, 188, 203

Trichromacy



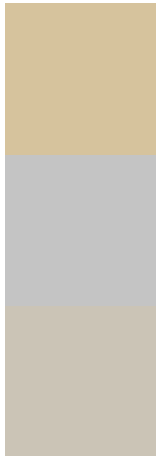
Original Color
186, 214, 157

Protanomaly
179, 211, 158

Deuteranomaly
224, 224, 158

Tritanomaly
218, 191, 186

Monochromacy



Original Color
186, 214, 157

Achromatopsia
196, 196, 196

Achromatomaly
193, 203, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 214, 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(214, 195, 157) looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 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(214, 195, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 157) }
```

Border

The CSS property to change the border of an element to RYB 186, 214, 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(214, 195, 157) }
```

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

```
.border{ border-color:rgb(214, 195, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 195, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 157);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 186, 214, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 157) }
```

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

```
.background{ background-color: rgb(214,  
195, 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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