

Converting Colors

`RYB(189, 214, 152)`

Have a look what the booklet for
RYB(189, 214, 152) contains.

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Color

R_YB(189, 214, 152)

Conversions

Conversions Part 1

Format	Color
Hex	D6BF98
RGB	214, 191, 152
RGB Percent	84%, 75%, 60%
CMY	0.1608, 0.2517, 0.4039
CMYK	0.00, 0.11, 0.29, 0.16
HSL	38°, 43%, 72%
HSV	38°, 29%, 84%
XYZ	51.9924, 53.7499, 37.3402
YIQ	193.4310, 26.2270, -7.2530

Conversions

Conversions Part 2

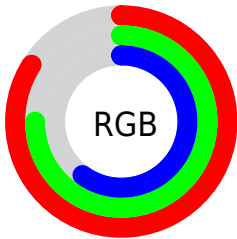
Format	Color
RYB	189, 214, 152
Decimal	14073752
CIELab	78.32, 2.39, 22.62
CIELCh	78, 22.747, 83.979
Yxy	53.7499, 0.3634, 0.3757
Android (android.graphics.Color)	4292263832 (0xFFD6BF98)
YUV	193.4310, -20.4255, 18.0390
Hunter-Lab	73.3143, -1.7129, 21.1226

Details

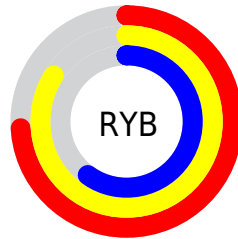
The RYB color **189, 214, 152** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **152, 169, 214**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **216, 255, 206**, and **132, 158, 101** is the 20% darker color. If you saturate the color by 10%, you get **180, 214, 131**, and if you desaturate by 10%, it is **197, 214, 173**.

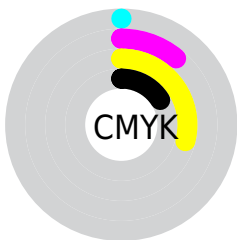
Distribution



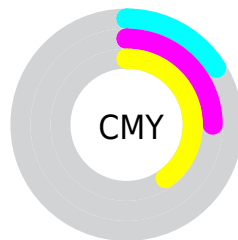
- Red (84%)
- Green (75%)
- Blue (60%)



- Red (74%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 214, 152 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 189, 214, 152 by changing the saturation by 10% instead.

 189, 214, 152

 189, 214, 152


255, 255, 255

 161, 186, 126

 216, 255, 206

 132, 158, 101

 235, 255, 235

 108, 132, 77

 80, 106, 53

 56, 81, 32

 29, 57, 9

 19, 34, 0


 0, 0, 0

 189, 214, 152


 189, 214, 152

 180, 214, 131

 197, 214, 173

 171, 214, 109


 206, 214, 195

 163, 214, 88

 214, 215, 216

 154, 214, 66

 214, 221, 238

 145, 214, 45

 214, 226, 255

 137, 214, 24

 214, 230, 255

 128, 214, 2

 214, 232, 255

 128, 214, 0

 214, 235, 255

Harmonies

Analogous

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



230, 197, 160



189, 214, 152



155, 198, 161

Triad

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



189, 214, 152



135, 171, 210



217, 183, 219

Complementary

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



189, 214, 152



152, 169, 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.



192, 190, 232



189, 214, 152



142, 178, 227

Square

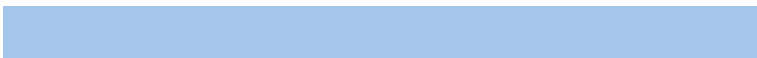
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189, 214, 152



146, 181, 206



164, 187, 235



233, 179, 199

Rectangle

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



189, 214, 152



163, 201, 188



164, 187, 235



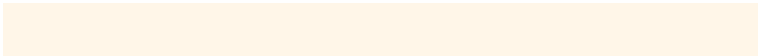
209, 185, 224

Sweetspot

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



189, 214, 152



247, 255, 232



214, 152, 176



123, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



189, 214, 152



218, 255, 166



152, 214, 159



102, 107, 96



102, 171, 0



25, 43, 0

Inverse Universe

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



152, 169, 214



166, 190, 255



159, 152, 214



96, 99, 107



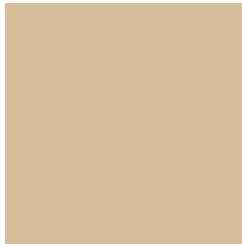
0, 47, 171



0, 12, 43

Previews

White Background



This preview shows how the RYB color 189, 214, 152 looks on a white background.

Color Contrast Check

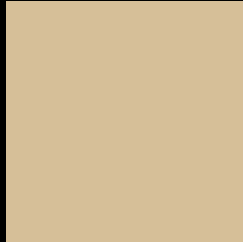
Large Text (above 18pt) WCAG AA × Fail

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 189, 214, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

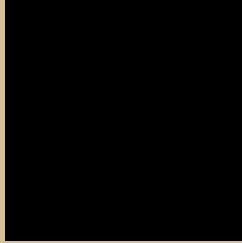
Any Text WCAG AA ✓ Pass

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](#).

R Y B 189, 214, 152 Background



This preview shows how black text looks on a background with the RYB color 189, 214, 152.




This preview shows how white text looks on a background with the RYB color 189, 214, 152.

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](#).

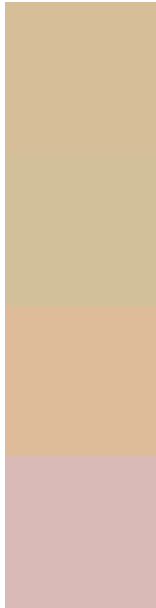
Dichromacy





Tritanopia
219, 184, 199

Trichromacy



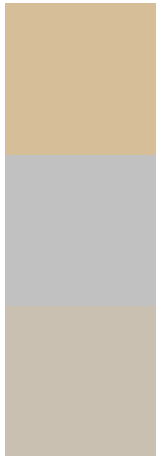
Original Color
189, 214, 152

Protanomaly
177, 209, 153

Deuteranomaly
220, 222, 153

Tritanomaly
217, 187, 182

Monochromacy



Original Color
189, 214, 152

Achromatopsia
193, 193, 193

Achromatomaly
193, 201, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 214, 152 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, 191, 152)` looks like.

```
.text, #text, p{  
    color:rgb(214, 191, 152)  
}
```

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, 191, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 191, 152) }
```

Border

The CSS property to change the border of an element to RYB 189, 214, 152 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, 191, 152) }
```

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

```
.border{ border-color:rgb(214, 191, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 191, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 191, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 191, 152);  
box-shadow:4px 4px 4px 4px rgb(214, 191,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 189, 214, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 191, 152) }
```

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

```
.background{ background-color: rgb(214,  
191, 152) }
```

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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