

Converting Colors

`RYB(172, 213, 149)`

Have a look what the booklet for
RYB(172, 213, 149) contains.

RYB(172, 213, 149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(172, 213, 149)

Conversions

Conversions Part 1

Format	Color
Hex	D5C495
RGB	213, 196, 149
RGB Percent	84%, 77%, 58%
CMY	0.1647, 0.2311, 0.4157
CMYK	0.00, 0.08, 0.30, 0.16
HSL	44°, 43%, 71%
HSV	44°, 30%, 84%
XYZ	52.6235, 55.8322, 36.4369
YIQ	195.7250, 25.2190, -11.0130

Conversions

Conversions Part 2

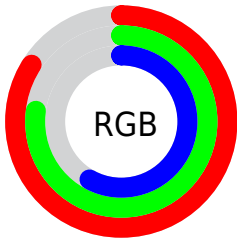
Format	Color
RYB	172, 213, 149
Decimal	14009493
CIELab	79.52, -1.15, 25.83
CIElCh	80, 25.859, 92.549
Yxy	55.8322, 0.3632, 0.3853
Android (android.graphics.Color)	4292199573 (0xFFD5C495)
YUV	195.7250, -23.0354, 15.1502
Hunter-Lab	74.7210, -5.0501, 23.3925

Details

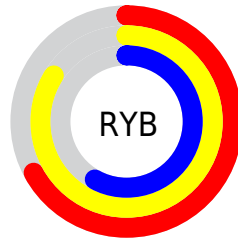
The RYB color **172, 213, 149** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **149, 162, 213**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **205, 255, 203**, and **120, 158, 98** is the 20% darker color. If you saturate the color by 10%, you get **160, 213, 128**, and if you desaturate by 10%, it is **185, 213, 170**.

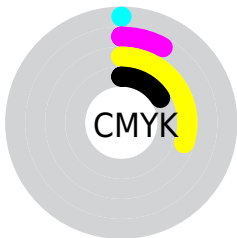
Distribution



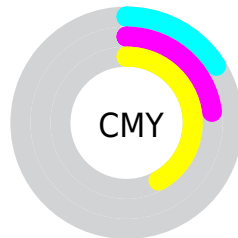
- Red (84%)
- Green (77%)
- Blue (58%)



- Red (67%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 213, 149 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 172, 213, 149 by changing the saturation by 10% instead.

 172, 213, 149


255, 255, 255

 205, 255, 203


 232, 255, 232

 172, 213, 149

 145, 185, 123

 120, 158, 98

 93, 131, 74

 67, 105, 50

 42, 80, 28

 16, 56, 5

 9, 33, 0

 0, 0, 0

 172, 213, 149


 172, 213, 149

 160, 213, 128

 185, 213, 170

 144, 213, 106


 200, 213, 192

 131, 213, 85

 213, 213, 213

 117, 213, 64


 213, 218, 234

 103, 213, 42

 213, 222, 255

 90, 213, 21

 213, 225, 255

 76, 213, 0

 213, 227, 255

 213, 230, 255

 213, 232, 255

Harmonies

Analogous

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



234, 212, 155



172, 213, 149



156, 203, 172

Triad

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



172, 213, 149



128, 172, 222



230, 183, 220

Complementary

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



172, 213, 149



149, 162, 213

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, 190, 238



172, 213, 149



141, 180, 239

Square

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



172, 213, 149



136, 177, 211



171, 191, 245



245, 180, 196

Rectangle

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



172, 213, 149



167, 207, 206



171, 191, 245



222, 185, 227

Sweetspot

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



172, 213, 149



240, 255, 232



213, 149, 166



118, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



172, 213, 149



195, 255, 163



149, 213, 164



100, 107, 96



61, 171, 0



15, 43, 0

Inverse Universe

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



149, 162, 213



163, 182, 255



164, 149, 213



96, 98, 107



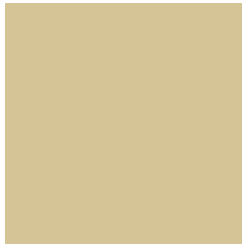
0, 36, 171



0, 9, 43

Previews

White Background



This preview shows how the RYB color 172, 213, 149 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 172, 213, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

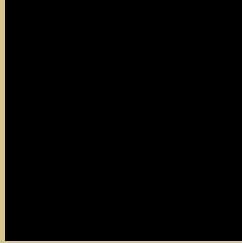
Any Text WCAG AA ✓ Pass

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 172, 213, 149 Background



This preview shows how black text looks on a background with the RYB color 172, 213, 149.



This preview shows how white text looks on a background with the RYB color 172, 213, 149.

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
172, 213, 149

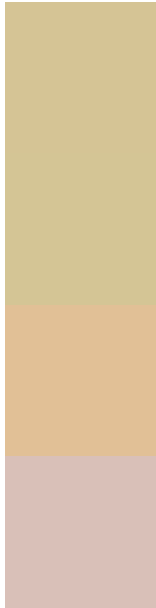
Protanopia
167, 211, 149

Deuteranopia
232, 224, 150



Tritanopia
219, 189, 204

Trichromacy



Original Color

172, 213, 149

Protanomaly

169, 212, 149

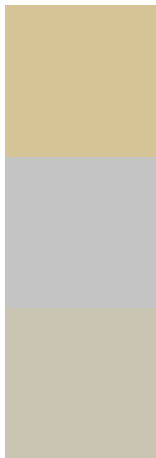
Deuteranomaly

209, 225, 150

Tritanomaly

217, 195, 184

Monochromacy



Original Color

172, 213, 149

Achromatopsia

196, 196, 196

Achromatomaly

187, 202, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 213, 149 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(213, 196, 149)` looks like.

```
.text, #text, p{  
    color:rgb(213, 196, 149)  
}
```

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(213, 196, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 196, 149) }
```

Border

The CSS property to change the border of an element to RYB 172, 213, 149 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(213, 196, 149) }
```

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

```
.border{ border-color:rgb(213, 196, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 196, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 196, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 196, 149);  
box-shadow:4px 4px 4px 4px rgb(213, 196,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 172, 213, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 196, 149) }
```

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

```
.background{ background-color: rgb(213,  
196, 149) }
```

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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