

Converting Colors

`RYB(172, 214, 154)`

Have a look what the booklet for
RYB(172, 214, 154) contains.

RYB(172, 214, 154)	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, 214, 154)

Conversions

Conversions Part 1

Format	Color
Hex	D6C89A
RGB	214, 200, 154
RGB Percent	84%, 78%, 60%
CMY	0.1608, 0.2151, 0.3961
CMYK	0.00, 0.06, 0.28, 0.16
HSL	46°, 42%, 72%
HSV	46°, 28%, 84%
XYZ	54.2542, 58.0091, 38.9092
YIQ	198.9420, 23.1100, -11.3380

Conversions

Conversions Part 2

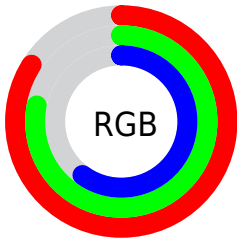
Format	Color
RYB	172, 214, 154
Decimal	14076058
CIELab	80.74, -2.23, 24.87
CIELCh	81, 24.974, 95.134
Yxy	58.0091, 0.3589, 0.3837
Android (android.graphics.Color)	4292266138 (0xFFD6C89A)
YUV	198.9420, -22.1564, 13.2059
Hunter-Lab	76.1637, -6.1343, 23.0255

Details

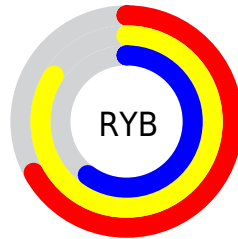
The RYB color **172, 214, 154** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **154, 165, 214**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **209, 255, 209**, and **120, 159, 103** is the 20% darker color. If you saturate the color by 10%, you get **158, 214, 133**, and if you desaturate by 10%, it is **187, 214, 175**.

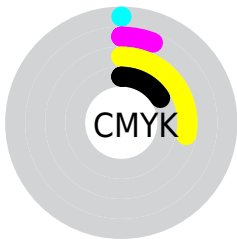
Distribution



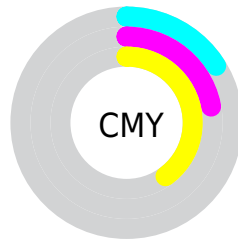
- Red (84%)
- Green (78%)
- Blue (60%)



- Red (67%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (28%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 214, 154 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, 214, 154 by changing the saturation by 10% instead.

 172, 214, 154


255, 255, 255


 209, 255, 209

 237, 255, 237

 172, 214, 154


 145, 186, 128

 120, 159, 103

 92, 132, 78

 67, 106, 55

 44, 81, 33

 18, 57, 10

 7, 35, 0

 0, 4, 4

 0, 0, 0

■ 172, 214, 154

■ 172, 214, 154

■ 158, 214, 133

■ 187, 214, 175

■ 142, 214, 111

■ 202, 214, 197

■ 128, 214, 90

■ 214, 215, 218

■ 112, 214, 68

■ 214, 219, 240

■ 98, 214, 47

■ 214, 223, 255

■ 82, 214, 26

■ 214, 226, 255

■ 66, 214, 4

■ 214, 228, 255

■ 64, 214, 0

■ 214, 230, 255

■ 214, 232, 255

Harmonies

Analogous

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



235, 217, 159



172, 214, 154



162, 207, 181

Triad

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



172, 214, 154



135, 177, 226



234, 186, 221

Complementary

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



172, 214, 154



154, 165, 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.



209, 193, 239



172, 214, 154



149, 185, 242

Square

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



172, 214, 154



141, 180, 214



178, 195, 247



247, 184, 197

Rectangle

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



172, 214, 154



170, 208, 211



178, 195, 247



227, 188, 227

Sweetspot

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



172, 214, 154



242, 255, 235



214, 154, 168



119, 128, 115



0, 0, 0



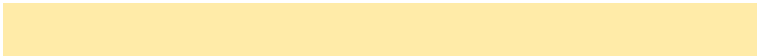
128, 128, 128

Same Dimension

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



172, 214, 154



194, 255, 168



154, 214, 170



98, 107, 96



52, 171, 0



13, 43, 0

Inverse Universe

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



154, 165, 214



168, 184, 255



170, 154, 214



96, 98, 107



0, 32, 171



0, 8, 43

Previews

White Background



This preview shows how the RYB color 172, 214, 154 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, 214, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

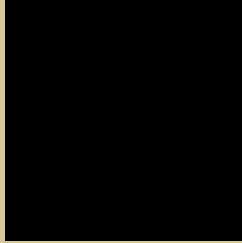
Any Text WCAG AA ✓ Pass

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](#).

RYP 172, 214, 154 Background



This preview shows how black text looks on a background with the RYP color 172, 214, 154.



This preview shows how white text looks on a background with the RYP color 172, 214, 154.

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, 214, 154

Protanopia
172, 214, 154

Deuteranopia
235, 222, 156



Tritanopia
221, 193, 208

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 214, 154 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, 200, 154) looks like.

```
.text, #text, p{  
    color:rgb(214, 200, 154)  
}
```

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, 200, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 200, 154) }
```

Border

The CSS property to change the border of an element to RYB 172, 214, 154 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, 200, 154) }
```

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

```
.border{ border-color:rgb(214, 200, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 200, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 200, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 200, 154);  
box-shadow:4px 4px 4px 4px rgb(214, 200,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 172, 214, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 200, 154) }
```

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

```
.background{ background-color: rgb(214,  
200, 154) }
```

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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