

Converting Colors

`RYB(192, 218, 154)`

Have a look what the booklet for
RYB(192, 218, 154) contains.

RYB(192, 218, 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(192, 218, 154)

Conversions

Conversions Part 1

Format	Color
Hex	DAC29A
RGB	218, 194, 154
RGB Percent	85%, 76%, 60%
CMY	0.1451, 0.2386, 0.3961
CMYK	0.00, 0.11, 0.29, 0.15
HSL	38°, 46%, 73%
HSV	38°, 29%, 85%
XYZ	54.0729, 55.8920, 38.5101
YIQ	196.6160, 27.1440, -7.3520

Conversions

Conversions Part 2

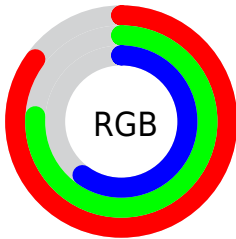
Format	Color
RYB	192, 218, 154
Decimal	14336666
CIELab	79.55, 2.44, 23.31
CIELCh	80, 23.434, 84.026
Yxy	55.8920, 0.3642, 0.3764
Android (android.graphics.Color)	4292526746 (0xFFDAC29A)
YUV	196.6160, -21.0097, 18.7538
Hunter-Lab	74.7609, -1.7266, 21.7918

Details

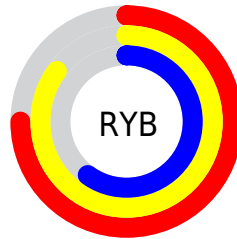
The RYB color **192, 218, 154** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **154, 171, 218**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **215, 255, 209**, and **136, 162, 103** is the 20% darker color. If you saturate the color by 10%, you get **183, 218, 132**, and if you desaturate by 10%, it is **202, 218, 176**.

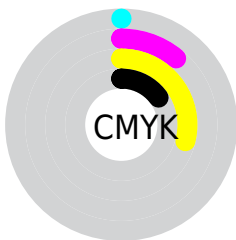
Distribution



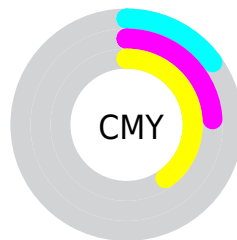
- Red (85%)
- Green (76%)
- Blue (60%)



- Red (75%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 218, 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 192, 218, 154 by changing the saturation by 10% instead.

 192, 218, 154

255, 255, 255

 213, 255, 209


 237, 255, 237

 192, 218, 154

 165, 190, 128

 136, 162, 103

 109, 135, 78

 82, 109, 55

 59, 84, 33

 33, 60, 11

 18, 37, 0

 1, 0, 0

 0, 0, 0

 192, 218, 154

 192, 218, 154

 183, 218, 132


 202, 218, 176

 174, 218, 110


 211, 218, 198

 165, 218, 89

 218, 219, 219

 156, 218, 67

 218, 224, 241

 147, 218, 45

 218, 230, 255

 140, 218, 23

 218, 233, 255

 130, 218, 1

 218, 235, 255

 129, 218, 0

 218, 237, 255

Harmonies

Analogous

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



235, 199, 163



192, 218, 154



157, 201, 163

Triad

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



192, 218, 154



137, 174, 214



221, 186, 223

Complementary

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



192, 218, 154



154, 171, 218

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.



195, 193, 237



192, 218, 154



143, 180, 232

Square

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



192, 218, 154



148, 183, 209



166, 189, 240



238, 182, 202

Rectangle

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



192, 218, 154



165, 205, 192



166, 189, 240



213, 188, 229

Sweetspot

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



192, 218, 154



247, 255, 232



218, 154, 179



123, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



192, 218, 154



218, 255, 166



154, 218, 161



105, 110, 99



102, 173, 0



27, 46, 0

Inverse Universe

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



154, 171, 218



166, 190, 255



161, 154, 218



99, 102, 110



0, 47, 173



0, 12, 46

Previews

White Background



This preview shows how the RYB color 192, 218, 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 192, 218, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

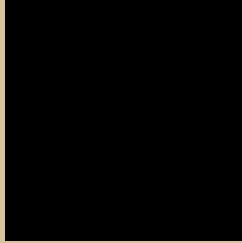
Any Text WCAG AA ✓ Pass

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](#).

RYB 192, 218, 154 Background



This preview shows how black text looks on a background with the RYB color 192, 218, 154.



This preview shows how white text looks on a background with the RYB color 192, 218, 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
192, 218, 154

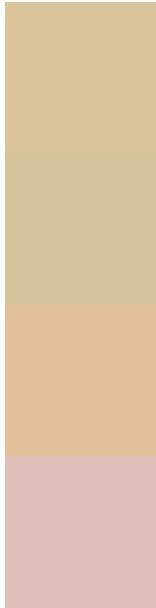
Protanopia
172, 210, 155

Deuteranopia
231, 217, 155



Tritanopia
224, 188, 202

Trichromacy



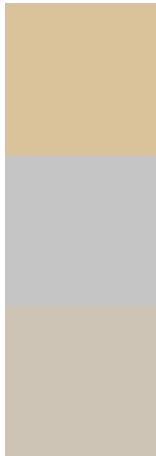
Original Color
192, 218, 154

Protanomaly
179, 213, 155

Deuteranomaly
224, 226, 155

Tritanomaly
222, 191, 185

Monochromacy



Original Color
192, 218, 154

Achromatopsia
197, 197, 197

Achromatomaly
195, 205, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 218, 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(218, 194, 154)` looks like.

```
.text, #text, p{  
    color:rgb(218, 194, 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(218, 194, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 194, 154) }
```

Border

The CSS property to change the border of an element to RYB 192, 218, 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(218, 194, 154) }
```

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

```
.border{ border-color:rgb(218, 194, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 194, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 194, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 194, 154);  
box-shadow:4px 4px 4px 4px rgb(218, 194,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 192, 218, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 194, 154) }
```

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

```
.background{ background-color: rgb(218,  
194, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor