

Converting Colors

`RYB(164, 205, 152)`

Have a look what the booklet for
RYB(164, 205, 152) contains.

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Color

R_YB(164, 205, 152)

Conversions

Conversions Part 1

Format	Color
Hex	CDC398
RGB	205, 195, 152
RGB Percent	80%, 76%, 60%
CMY	0.1961, 0.2344, 0.4039
CMYK	0.00, 0.05, 0.26, 0.20
HSL	49°, 35%, 70%
HSV	49°, 26%, 80%
XYZ	50.4077, 54.3729, 37.5440
YIQ	193.0880, 19.7630, -11.2530

Conversions

Conversions Part 2

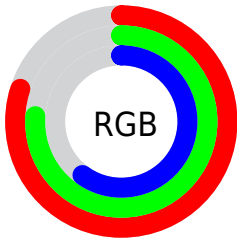
Format	Color
RYB	164, 205, 152
Decimal	13484952
CIELab	78.68, -3.38, 22.99
CIElCh	79, 23.240, 98.354
Yxy	54.3729, 0.3542, 0.3820
Android (android.graphics.Color)	4291675032 (0xFFCDC398)
YUV	193.0880, -20.2564, 10.4468
Hunter-Lab	73.7380, -7.0179, 21.4289

Details

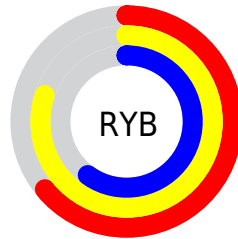
The RYB color **164, 205, 152** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **152, 160, 205**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **210, 255, 206**, and **112, 150, 101** is the 20% darker color. If you saturate the color by 10%, you get **149, 205, 132**, and if you desaturate by 10%, it is **180, 205, 173**.

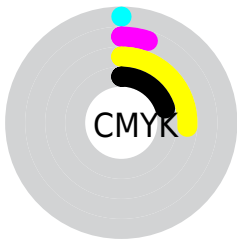
Distribution



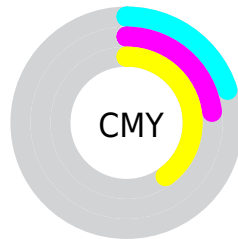
- Red (80%)
- Green (76%)
- Blue (60%)



- Red (64%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (26%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 205, 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 164, 205, 152 by changing the saturation by 10% instead.

 164, 205, 152


255, 255, 255


 209, 255, 206

 235, 255, 235

 164, 205, 152


 137, 177, 126

 111, 150, 101

 87, 124, 77

 60, 98, 53

 38, 74, 31

 15, 51, 9

 5, 29, 0

 0, 0, 0

 164, 205, 152

 164, 205, 152

 149, 205, 132


 180, 205, 173

 132, 205, 111

 195, 205, 193

 116, 205, 90

 205, 207, 214

 101, 205, 70


 205, 209, 234

 86, 205, 50


 205, 213, 255

 68, 205, 29

 205, 215, 255

 52, 205, 8

 205, 218, 255

 47, 205, 0

 205, 219, 255

 205, 221, 255

Harmonies

Analogous

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



225, 217, 155



164, 205, 152



160, 202, 181

Triad

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



164, 205, 152



135, 174, 221



228, 181, 211

Complementary

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



164, 205, 152



152, 160, 205

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.



206, 187, 229



164, 205, 152



150, 182, 234

Square

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



164, 205, 152



139, 175, 207



178, 191, 237



239, 179, 189

Rectangle

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



164, 205, 152



164, 199, 205



178, 191, 237



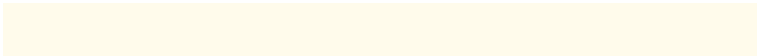
222, 183, 218

Sweetspot

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



164, 205, 152



240, 255, 235



205, 152, 163



119, 128, 115



0, 0, 0



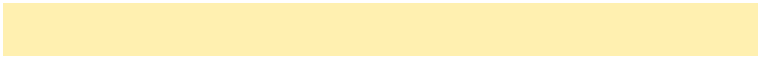
128, 128, 128

Same Dimension

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



164, 205, 152



195, 255, 176



152, 205, 168



95, 102, 92



38, 166, 0



9, 38, 0

Inverse Universe

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



152, 160, 205



176, 189, 255



168, 152, 205



92, 94, 102



0, 26, 166



0, 6, 38

Previews

White Background



This preview shows how the RYB color 164, 205, 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 164, 205, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

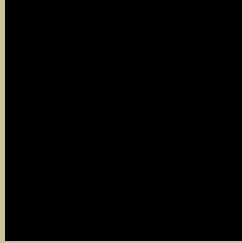
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

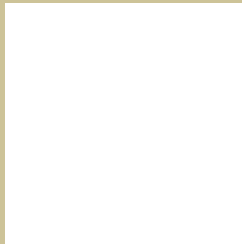
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 164, 205, 152 Background



This preview shows how black text looks on a background with the RYB color 164, 205, 152.



This preview shows how white text looks on a background with the RYB color 164, 205, 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



Original Color
164, 205, 152

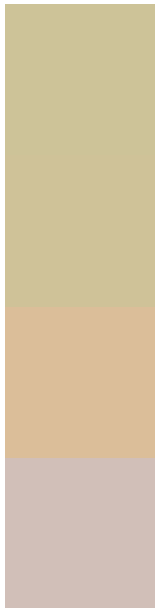
Protanopia
171, 208, 152

Deuteranopia
227, 214, 154



Tritanopia
211, 188, 203

Trichromacy



Original Color
164, 205, 152

Protanomaly
169, 207, 152

Deuteranomaly
205, 219, 153

Tritanomaly
209, 194, 184

Monochromacy



Original Color
164, 205, 152

Achromatopsia
193, 193, 193

Achromatomaly
182, 197, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 205, 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(205, 195, 152) looks like.

```
.text, #text, p{  
    color:rgb(205, 195, 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(205, 195, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 195, 152) }
```

Border

The CSS property to change the border of an element to RYB 164, 205, 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(205, 195, 152) }
```

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

```
.border{ border-color:rgb(205, 195, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 195, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 195, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 195, 152);  
box-shadow:4px 4px 4px 4px rgb(205, 195,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 164, 205, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 195, 152) }
```

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

```
.background{ background-color: rgb(205,  
195, 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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