

Converting Colors

`RYB(172, 203, 144)`

Have a look what the booklet for
RYB(172, 203, 144) contains.

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Color

R_YB(172, 203, 144)

Conversions

Conversions Part 1

Format	Color
Hex	CBB890
RGB	203, 184, 144
RGB Percent	80%, 72%, 56%
CMY	0.2039, 0.2784, 0.4353
CMYK	0.00, 0.09, 0.29, 0.20
HSL	41°, 36%, 68%
HSV	41°, 29%, 80%
XYZ	46.8055, 48.9959, 33.3758
YIQ	185.1210, 24.1640, -8.4120

Conversions

Conversions Part 2

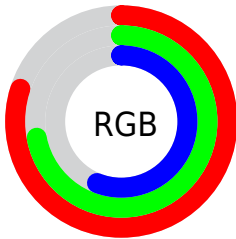
Format	Color
RYB	172, 203, 144
Decimal	13351056
CIELab	75.45, 0.67, 22.82
CIELCh	75, 22.829, 88.329
Yxy	48.9959, 0.3623, 0.3793
Android (android.graphics.Color)	4291541136 (0xFFCBB890)
YUV	185.1210, -20.2727, 15.6799
Hunter-Lab	69.9971, -3.1358, 20.7275

Details

The RYB color **172, 203, 144** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **144, 158, 203**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **218, 255, 198**, and **118, 148, 93** is the 20% darker color. If you saturate the color by 10%, you get **163, 203, 124**, and if you desaturate by 10%, it is **181, 203, 164**.

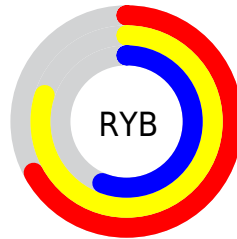
Distribution



Red (80%)

Green (72%)

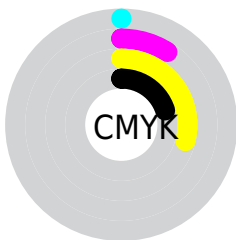
Blue (56%)



Red (67%)

Yellow (80%)

Blue (56%)

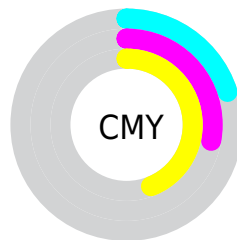


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (20%)



Cyan (20%)

Magenta (28%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 203, 144 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, 203, 144 by changing the saturation by 10% instead.


 172, 203, 144

255, 255, 255


 218, 255, 198

 226, 255, 226

 172, 203, 144


 144, 175, 118

 118, 148, 93

 92, 122, 69

 67, 96, 47

 43, 72, 25

 16, 49, 0

 12, 25, 0

 0, 0, 0

 172, 203, 144


 172, 203, 144

 163, 203, 124

 181, 203, 164

 150, 203, 103


 194, 203, 185

 141, 203, 83

 203, 204, 205

 129, 203, 63


 203, 208, 225

 120, 203, 43


 203, 214, 246

 107, 203, 22

 203, 217, 255

 98, 203, 2

 203, 221, 255

 96, 203, 0

 203, 223, 255

 203, 226, 255

Harmonies

Analogous

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



220, 193, 151



172, 203, 144



149, 191, 160

Triad

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



172, 203, 144



127, 164, 205



212, 174, 208

Complementary

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



172, 203, 144



144, 158, 203

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.



188, 181, 223



172, 203, 144



136, 170, 221

Square

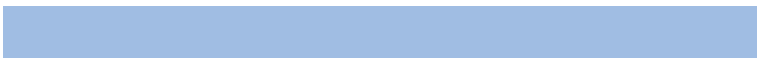
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



172, 203, 144



136, 171, 198



160, 180, 227



226, 171, 188

Rectangle

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



172, 203, 144



157, 194, 187



160, 180, 227



205, 176, 214

Sweetspot

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



172, 203, 144



242, 255, 232



203, 144, 164



121, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



172, 203, 144



209, 255, 166



144, 203, 154



96, 102, 92



80, 166, 0



18, 38, 0

Inverse Universe

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



144, 158, 203



166, 187, 255



154, 144, 203



92, 94, 102



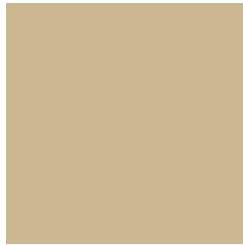
0, 40, 166



0, 9, 38

Previews

White Background



This preview shows how the RYB color 172, 203, 144 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, 203, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

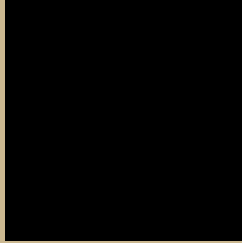
Any Text WCAG AA ✓ Pass

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 172, 203, 144 Background



This preview shows how black text looks on a background with the R/Y/B color 172, 203, 144.



This preview shows how white text looks on a background with the R/Y/B color 172, 203, 144.

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, 203, 144

Protanopia
161, 198, 145

Deuteranopia
218, 205, 145



Tritanopia
209, 178, 191

Trichromacy



Original Color

172, 203, 144

Protanomaly

166, 200, 145

Deuteranomaly

209, 213, 145

Tritanomaly

207, 181, 174

Monochromacy



Original Color

172, 203, 144

Achromatopsia

185, 185, 185

Achromatomaly

180, 192, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 203, 144 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(203, 184, 144) looks like.

```
.text, #text, p{  
    color:rgb(203, 184, 144)  
}
```

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(203, 184, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 184, 144) }
```

Border

The CSS property to change the border of an element to RYB 172, 203, 144 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(203, 184, 144) }
```

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

```
.border{ border-color:rgb(203, 184, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 184, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 184, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 184, 144);  
box-shadow:4px 4px 4px 4px rgb(203, 184,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 172, 203, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 184, 144) }
```

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

```
.background{ background-color: rgb(203,  
184, 144) }
```

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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