

Converting Colors

`RYB(207, 232, 172)`

Have a look what the booklet for
RYB(207, 232, 172) contains.

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Color

R_YB(207, 232, 172)

Conversions

Conversions Part 1

Format	Color
Hex	E8D2AC
RGB	232, 210, 172
RGB Percent	91%, 82%, 67%
CMY	0.0902, 0.1769, 0.3255
CMYK	0.00, 0.10, 0.26, 0.09
HSL	38°, 57%, 79%
HSV	38°, 26%, 91%
XYZ	63.7457, 66.1756, 48.4431
YIQ	212.2460, 25.3100, -7.1540

Conversions

Conversions Part 2

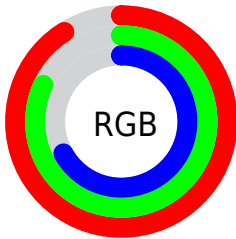
Format	Color
R_{YB}	207, 232, 172
Decimal	15258284
CIE Lab	85.09, 1.95, 21.60
CIE LCh	85, 21.692, 84.845
Yxy	66.1756, 0.3574, 0.3710
Android (android.graphics.Color)	4293448364 (0xFFE8D2AC)
YUV	212.2460, -19.8413, 17.3243
Hunter-Lab	81.3484, -2.4846, 21.6365

Details

The RYB color **207, 232, 172** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **172, 188, 232**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **228, 255, 228**, and **151, 176, 120** is the 20% darker color. If you saturate the color by 10%, you get **198, 232, 149**, and if you desaturate by 10%, it is **218, 232, 195**.

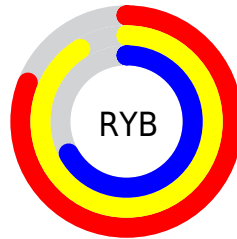
Distribution



Red (91%)

Green (82%)

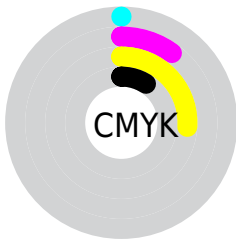
Blue (67%)



Red (81%)

Yellow (91%)

Blue (67%)

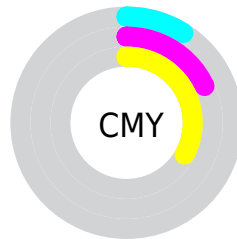


Cyan (0%)

Magenta (10%)

Yellow (26%)

Black (9%)



Cyan (9%)

Magenta (18%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 232, 172 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 207, 232, 172 by changing the saturation by 10% instead.


 207, 232, 172

255, 255, 255

 228, 255, 228

 207, 232, 172

 180, 204, 145

 151, 176, 120

 124, 149, 95

 99, 122, 71

 74, 97, 48

 46, 72, 26

 19, 49, 1

 19, 26, 0

 0, 0, 0

 207, 232, 172

 207, 232, 172

 198, 232, 149

 218, 232, 195

 188, 232, 126

 226, 232, 218

 178, 232, 102


 232, 235, 242

 167, 232, 79


 232, 240, 255

 159, 232, 56

 232, 243, 255

 148, 232, 33

 232, 244, 255

 140, 232, 10

 134, 232, 0

Harmonies

Analogous

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



248, 215, 180



207, 232, 172



175, 216, 181

Triad

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



207, 232, 172



157, 192, 229



236, 202, 236

Complementary

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



207, 232, 172



172, 188, 232

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.



212, 208, 250



207, 232, 172



164, 197, 245

Square

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



207, 232, 172



167, 200, 224



185, 206, 253



251, 198, 217

Rectangle

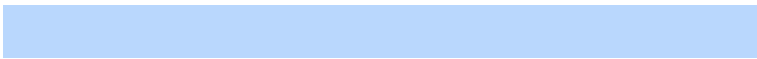
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



207, 232, 172



183, 220, 209



185, 206, 253



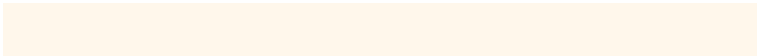
229, 204, 242

Sweetspot

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



207, 232, 172



248, 255, 235



232, 172, 195



123, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



207, 232, 172



222, 255, 176



172, 232, 179



109, 115, 103



105, 179, 0



30, 51, 0

Inverse Universe

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



172, 188, 232



176, 197, 255



179, 172, 232



103, 107, 115



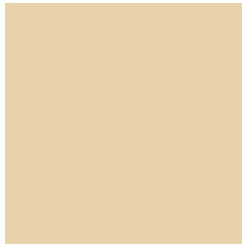
0, 48, 179



0, 14, 51

Previews

White Background



This preview shows how the RYB color 207, 232, 172 looks on a white background.

Color Contrast Check

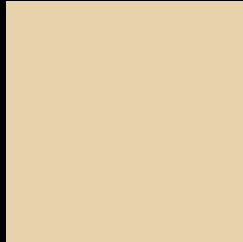
Large Text (above 18pt) WCAG AA × Fail

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 207, 232, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

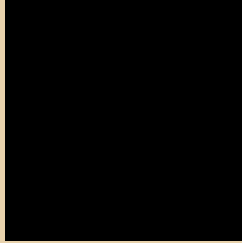
Any Text WCAG AA ✓ Pass

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 207, 232, 172 Background



This preview shows how black text looks on a background with the RYB color 207, 232, 172.



This preview shows how white text looks on a background with the RYB color 207, 232, 172.

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](#).

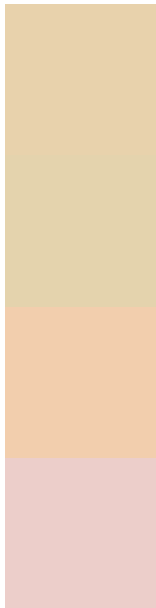
Dichromacy





Tritanopia
238, 203, 219

Trichromacy



Original Color

207, 232, 172

Protanomaly

198, 228, 173

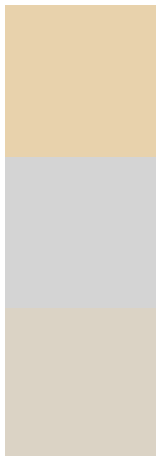
Deuteranomaly

242, 236, 173

Tritanomaly

236, 207, 202

Monochromacy



Original Color

207, 232, 172

Achromatopsia

212, 212, 212

Achromatomaly

210, 219, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 232, 172 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(232, 210, 172)` looks like.

```
.text, #text, p{  
    color:rgb(232, 210, 172)  
}
```

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(232, 210, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 210, 172) }
```

Border

The CSS property to change the border of an element to RYB 207, 232, 172 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(232, 210, 172) }
```

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

```
.border{ border-color:rgb(232, 210, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 210, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 210, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 210, 172); box-shadow:4px 4px 4px 4px rgb(232, 210, 172) }
```

Background

The CSS property to change the background color of an element to RGB 232, 210, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 210, 172) }
```

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

```
.background{ background-color: rgb(232,  
210, 172) }
```

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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