

Converting Colors

`RYB(202, 232, 195)`

Have a look what the booklet for
RYB(202, 232, 195) contains.

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Color

R_YB(202, 232, 195)

Conversions

Conversions Part 1

Format	Color
Hex	E8E2C3
RGB	232, 226, 195
RGB Percent	91%, 89%, 76%
CMY	0.0902, 0.1133, 0.2353
CMYK	0.00, 0.03, 0.16, 0.09
HSL	50°, 45%, 84%
HSV	50°, 16%, 91%
XYZ	70.3563, 75.5505, 62.5043
YIQ	224.2600, 13.5270, -8.3690

Conversions

Conversions Part 2

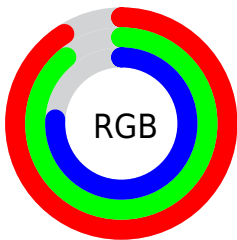
Format	Color
R_{YB}	202, 232, 195
Decimal	15262403
CIE _{Lab}	89.65, -3.09, 15.94
CIE _{LCh}	90, 16.234, 100.975
Yxy	75.5505, 0.3376, 0.3625
Android (android.graphics.Color)	4293452483 (0xFFE8E2C3)
YUV	224.2600, -14.4252, 6.7880
Hunter-Lab	86.9198, -7.6246, 18.2082

Details

The RYB color **202, 232, 195** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **195, 200, 232**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **252, 255, 252**, and **147, 176, 141** is the 20% darker color. If you saturate the color by 10%, you get **184, 232, 172**, and if you desaturate by 10%, it is **220, 232, 218**.

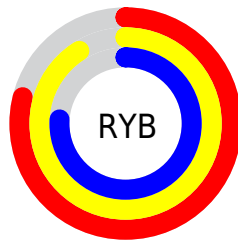
Distribution



Red (91%)

Green (89%)

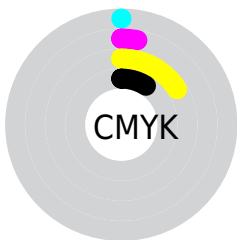
Blue (76%)



Red (79%)

Yellow (91%)

Blue (76%)

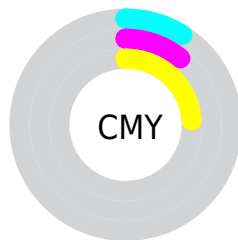


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 232, 195 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 202, 232, 195 by changing the saturation by 10% instead.

■ 202, 232, 195

255, 255, 255

252, 255, 252

■ 202, 232, 195

■ 175, 204, 168

■ 147, 176, 141

■ 122, 149, 116

■ 96, 123, 91

■ 72, 98, 67

■ 48, 74, 45

■ 27, 51, 24

■ 5, 31, 0

■ 0, 0, 0

 202, 232, 195

 202, 232, 195

 184, 232, 172

 220, 232, 218

 164, 232, 149

 232, 233, 241

 145, 232, 125

 232, 236, 255

 127, 232, 102

 232, 238, 255

 107, 232, 79


 232, 240, 255

 89, 232, 56

 232, 241, 255

 71, 232, 33

 232, 243, 255

 51, 232, 9

 232, 244, 255

 44, 232, 0

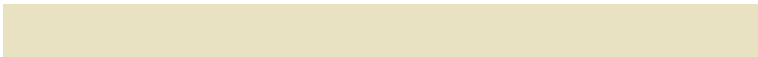
Harmonies

Analogous

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



247, 245, 196



202, 232, 195



202, 231, 219

Triad

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



202, 232, 195



187, 213, 245



251, 216, 236

Complementary

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



202, 232, 195



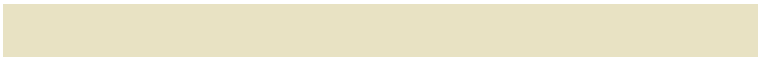
195, 200, 232

Split Complementary

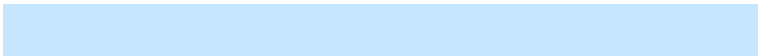
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235, 220, 249



202, 232, 195



198, 218, 254

Square

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



202, 232, 195



187, 212, 235



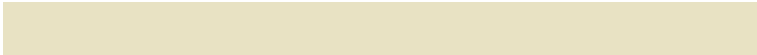
216, 223, 255



255, 215, 220

Rectangle

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



202, 232, 195



203, 227, 233



216, 223, 255



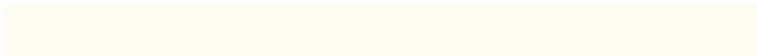
246, 217, 241

Sweetspot

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



202, 232, 195



244, 255, 242



232, 195, 201



123, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



202, 232, 195



217, 255, 207



195, 232, 207



105, 115, 103



35, 179, 0



9, 51, 0

Inverse Universe

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



195, 200, 232



207, 213, 255



207, 195, 232



103, 105, 115



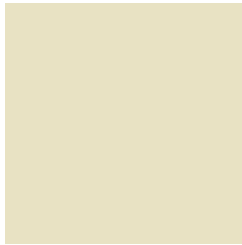
0, 24, 179



0, 7, 51

Previews

White Background



This preview shows how the RYB color 202, 232, 195 looks on a white background.

Color Contrast Check

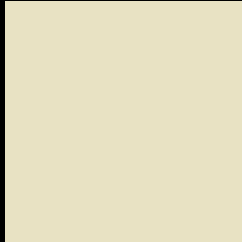
Large Text (above 18pt) WCAG AA × Fail

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 202, 232, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

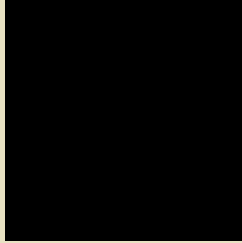
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

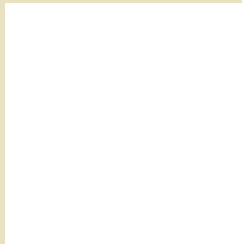
Any Text WCAG AAA ✓ Pass

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

RYB 202, 232, 195 Background



This preview shows how black text looks on a background with the RYB color 202, 232, 195.



This preview shows how white text looks on a background with the RYB color 202, 232, 195.

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
202, 232, 195

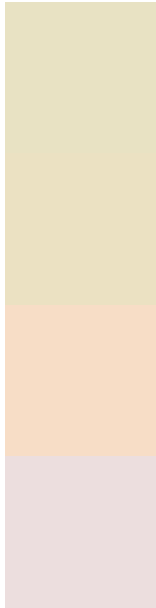
Protanopia
209, 236, 194

Deuteranopia
255, 228, 199



Tritanopia
238, 220, 237

Trichromacy



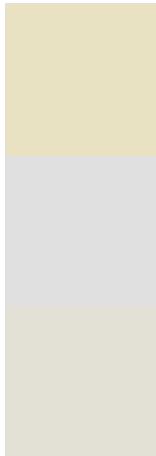
Original Color
202, 232, 195

Protanomaly
207, 235, 194

Deuteranomaly
247, 241, 198

Tritanomaly
236, 222, 222

Monochromacy



Original Color
202, 232, 195

Achromatopsia
224, 224, 224

Achromatomaly
215, 227, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 232, 195 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, 226, 195)` looks like.

```
.text, #text, p{  
    color:rgb(232, 226, 195)  
}
```

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, 226, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 195) }
```

Border

The CSS property to change the border of an element to RYB 202, 232, 195 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, 226, 195) }
```

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

```
.border{ border-color:rgb(232, 226, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 226, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 226, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 226, 195); box-shadow:4px 4px 4px 4px rgb(232, 226, 195) }
```

Background

The CSS property to change the background color of an element to RGB 232, 226, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 226, 195) }
```

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

```
.background{ background-color: rgb(232,  
226, 195) }
```

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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