

Converting Colors

`RYB(202, 216, 195)`

Have a look what the booklet for
RYB(202, 216, 195) contains.

RYB(202, 216, 195)	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

RYB(202, 216, 195)

Conversions

Conversions Part 1

Format	Color
Hex	D8D3C3
RGB	216, 211, 195
RGB Percent	85%, 83%, 76%
CMY	0.1529, 0.1735, 0.2353
CMYK	0.00, 0.02, 0.10, 0.15
HSL	45°, 21%, 81%
HSV	45°, 10%, 85%
XYZ	61.4014, 65.0035, 60.9405
YIQ	210.6710, 8.1160, -3.9160

Conversions

Conversions Part 2

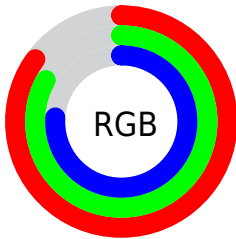
Format	Color
R_{YB}	202, 216, 195
Decimal	14209987
CIE _{Lab}	84.49, -0.90, 8.43
CIE _{LCh}	84, 8.478, 96.063
Yxy	65.0035, 0.3277, 0.3470
Android (android.graphics.Color)	4292400067 (0xFFD8D3C3)
YUV	210.6710, -7.7258, 4.6735
Hunter-Lab	80.6247, -5.1529, 11.6228

Details

The RYB color **202, 216, 195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195, 199, 216**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **252, 255, 252**, and **146, 161, 141** is the 20% darker color. If you saturate the color by 10%, you get **188, 216, 173**, and if you desaturate by 10%, it is **216, 216, 217**.

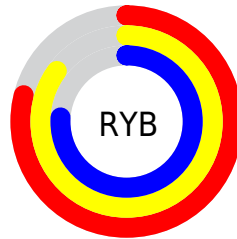
Distribution



Red (85%)

Green (83%)

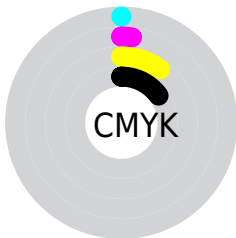
Blue (76%)



Red (79%)

Yellow (85%)

Blue (76%)

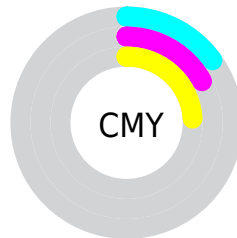


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (15%)



Cyan (15%)

Magenta (17%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 216, 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, 216, 195 by changing the saturation by 10% instead.

■ 202, 216, 195

255, 255, 255

252, 255, 252

■ 202, 216, 195

■ 175, 188, 168

■ 148, 161, 141

■ 123, 135, 116

■ 98, 110, 91

■ 73, 85, 68

■ 51, 62, 46

■ 29, 40, 25

■ 7, 20, 0

■ 0, 0, 0

 202, 216, 195

 202, 216, 195

 188, 216, 173

 216, 216, 217

 173, 216, 152

 216, 221, 238

 158, 216, 130


 216, 225, 255

 145, 216, 109


 216, 227, 255

 130, 216, 87

 216, 230, 255

 116, 216, 65


 216, 232, 255

 101, 216, 44

 216, 234, 255

 86, 216, 22

 216, 235, 255

 73, 216, 1

 216, 236, 255

Harmonies

Analogous

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



224, 217, 196



202, 216, 195



198, 213, 204

Triad

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



202, 216, 195



192, 205, 220



223, 206, 217

Complementary

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



202, 216, 195



195, 199, 216

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.



215, 208, 224



202, 216, 195



196, 207, 225

Square

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



202, 216, 195



192, 205, 216



205, 210, 227



228, 206, 209

Rectangle

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



202, 216, 195



201, 214, 215



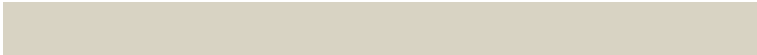
205, 210, 227



221, 207, 220

Sweetspot

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



202, 216, 195



250, 255, 247



216, 195, 200



125, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



202, 216, 195



235, 255, 224



195, 216, 200



100, 107, 96



57, 171, 0



13, 43, 0

Inverse Universe

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



195, 199, 216



224, 230, 255



200, 195, 216



96, 98, 107



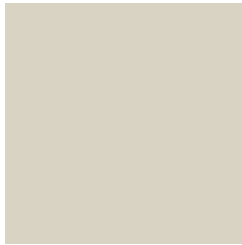
0, 34, 171



0, 9, 43

Previews

White Background



This preview shows how the RYB color 202, 216, 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, 216, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

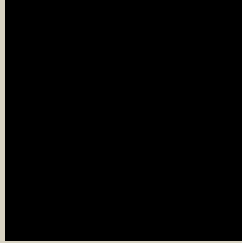
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

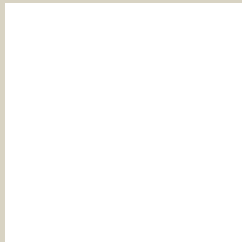
Any Text WCAG AAA ✓ Pass

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

RYB 202, 216, 195 Background



This preview shows how black text looks on a background with the RYB color 202, 216, 195.



This preview shows how white text looks on a background with the RYB color 202, 216, 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, 216, 195

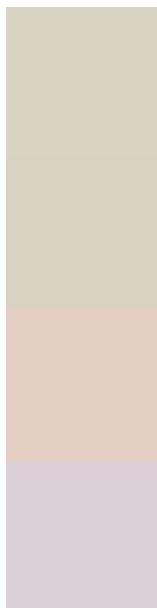
Protanopia
207, 218, 195

Deuteranopia
236, 204, 196



Tritanopia
220, 207, 223

Trichromacy



Original Color

202, 216, 195

Protanomaly

205, 217, 195

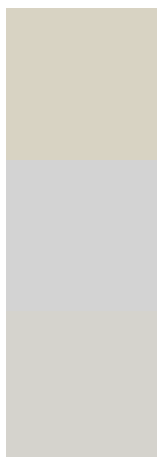
Deuteranomaly

229, 210, 196

Tritanomaly

219, 208, 213

Monochromacy



Original Color

202, 216, 195

Achromatopsia

211, 211, 211

Achromatomaly

208, 213, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 216, 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(216, 211, 195) looks like.

```
.text, #text, p{  
    color:rgb(216, 211, 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(216, 211, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 211, 195) }
```

Border

The CSS property to change the border of an element to RYB 202, 216, 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(216, 211, 195) }
```

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

```
.border{ border-color:rgb(216, 211, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 211, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 211, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 211, 195);  
box-shadow:4px 4px 4px 4px rgb(216, 211,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 202, 216, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 211, 195) }
```

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

```
.background{ background-color: rgb(216,  
211, 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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