

Converting Colors

`RYB(199, 216, 194)`

Have a look what the booklet for
RYB(199, 216, 194) contains.

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Color

R_YB(199, 216, 194)

Conversions

Conversions Part 1

Format	Color
Hex	D8D4C2
RGB	216, 212, 194
RGB Percent	85%, 83%, 76%
CMY	0.1529, 0.1689, 0.2392
CMYK	0.00, 0.02, 0.10, 0.15
HSL	49°, 22%, 80%
HSV	49°, 10%, 85%
XYZ	61.5815, 65.5439, 60.4445
YIQ	211.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

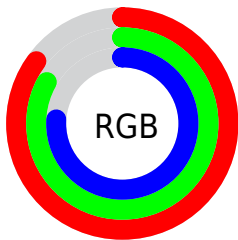
Format	Color
RYB	199, 216, 194
Decimal	14210242
CIELab	84.76, -1.67, 9.36
CIELCh	85, 9.505, 100.122
Yxy	65.5439, 0.3283, 0.3494
Android (android.graphics.Color)	4292400322 (0xFFD8D4C2)
YUV	211.1440, -8.4520, 4.2587
Hunter-Lab	80.9592, -5.9029, 12.4053

Details

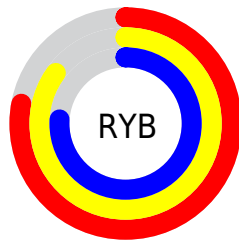
The RYB color **199, 216, 194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194, 197, 216**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **250, 255, 250**, and **145, 161, 140** is the 20% darker color. If you saturate the color by 10%, you get **182, 216, 172**, and if you desaturate by 10%, it is **216, 216, 216**.

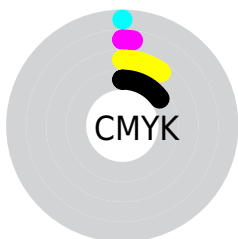
Distribution



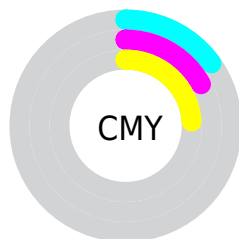
- Red (85%)
- Green (83%)
- Blue (76%)



- Red (78%)
- 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 199, 216, 194 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 199, 216, 194 by changing the saturation by 10% instead.

 199, 216, 194

255, 255, 255


 250, 255, 250


 199, 216, 194

 172, 188, 167

 145, 161, 140

 120, 135, 115

 94, 109, 90

 71, 85, 67

 49, 62, 45

 28, 40, 24

 4, 20, 0

 0, 0, 0

 199, 216, 194

 199, 216, 194

 182, 216, 172

 216, 216, 216

 166, 216, 151


 216, 219, 237

 149, 216, 129

 216, 223, 255

 133, 216, 108

 216, 225, 255

 115, 216, 86

 216, 227, 255

 98, 216, 64

 216, 229, 255

 82, 216, 43

 216, 231, 255

 65, 216, 21

 216, 232, 255

 49, 216, 0

 216, 234, 255

Harmonies

Analogous

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



225, 221, 195



199, 216, 194



198, 215, 207

Triad

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



199, 216, 194



190, 205, 223



226, 206, 218

Complementary

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



199, 216, 194



194, 197, 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.



217, 208, 225



199, 216, 194



196, 208, 228

Square

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



199, 216, 194



190, 204, 217



206, 210, 229



231, 206, 209

Rectangle

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



199, 216, 194



199, 213, 216



206, 210, 229



224, 207, 221

Sweetspot

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



199, 216, 194



248, 255, 247



216, 194, 198



123, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



199, 216, 194



231, 255, 224



194, 216, 201



98, 107, 96



39, 171, 0



10, 43, 0

Inverse Universe

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



194, 197, 216



224, 229, 255



201, 194, 216



96, 98, 107



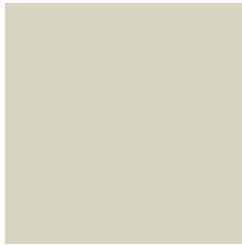
0, 27, 171



0, 7, 43

Previews

White Background



This preview shows how the RYB color 199, 216, 194 looks on a white background.

Color Contrast Check

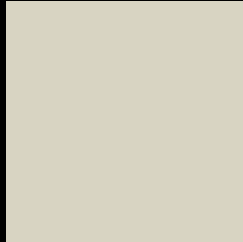
Large Text (above 18pt) WCAG AA × Fail

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 199, 216, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

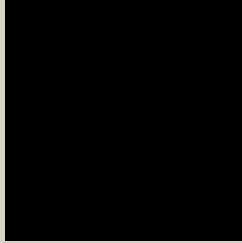
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

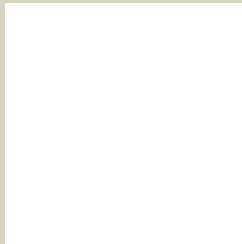
Any Text WCAG AAA ✓ Pass

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

RYB 199, 216, 194 Background



This preview shows how black text looks on a background with the RYB color 199, 216, 194.



This preview shows how white text looks on a background with the RYB color 199, 216, 194.

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
199, 216, 194

Protanopia
207, 220, 193

Deuteranopia
238, 206, 196



Tritanopia
220, 208, 224

Trichromacy



Original Color

199, 216, 194

Protanomaly

205, 219, 193

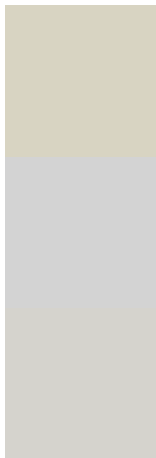
Deuteranomaly

230, 213, 195

Tritanomaly

219, 209, 213

Monochromacy



Original Color

199, 216, 194

Achromatopsia

211, 211, 211

Achromatomaly

208, 213, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 216, 194 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, 212, 194) looks like.

```
.text, #text, p{  
    color:rgb(216, 212, 194)  
}
```

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, 212, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 212, 194) }
```

Border

The CSS property to change the border of an element to RYB 199, 216, 194 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, 212, 194) }
```

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

```
.border{ border-color:rgb(216, 212, 194) }
```

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

Here you see how a box with a 4 pixel rgb(216, 212, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 212, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 212, 194);  
box-shadow:4px 4px 4px 4px rgb(216, 212,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 199, 216, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 212, 194) }
```

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

```
.background{ background-color: rgb(216,  
212, 194) }
```

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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