

Converting Colors

`RYB(205, 214, 194)`

Have a look what the booklet for
RYB(205, 214, 194) contains.

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Color

R_YB(205, 214, 194)

Conversions

Conversions Part 1

Format	Color
Hex	D6CFC2
RGB	214, 207, 194
RGB Percent	84%, 81%, 76%
CMY	0.1608, 0.1886, 0.2392
CMYK	0.00, 0.03, 0.09, 0.16
HSL	39°, 20%, 80%
HSV	39°, 9%, 84%
XYZ	59.7585, 62.7700, 60.0051
YIQ	207.6110, 8.3450, -2.5590

Conversions

Conversions Part 2

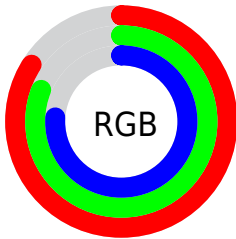
Format	Color
R _Y B	205, 214, 194
Decimal	14077890
CIE Lab	83.32, 0.23, 7.27
CIE LCh	83, 7.274, 88.162
Yxy	62.7700, 0.3274, 0.3439
Android (android.graphics.Color)	4292267970 (0xFFD6CFC2)
YUV	207.6110, -6.7102, 5.6032
Hunter-Lab	79.2275, -4.0118, 10.5543

Details

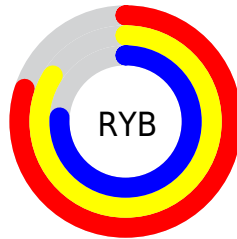
The RYB color **205, 214, 194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194, 199, 214**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **250, 255, 250**, and **149, 159, 140** is the 20% darker color. If you saturate the color by 10%, you get **197, 214, 173**, and if you desaturate by 10%, it is **214, 214, 215**.

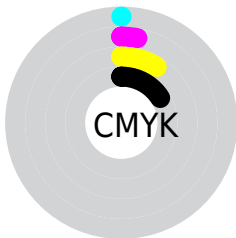
Distribution



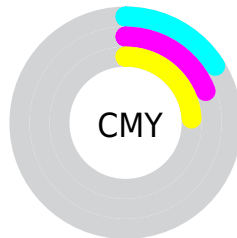
- Red (84%)
- Green (81%)
- Blue (76%)



- Red (80%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 214, 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 205, 214, 194 by changing the saturation by 10% instead.

■ 205, 214, 194

255, 255, 255

■ 250, 255, 250

■ 205, 214, 194

■ 178, 186, 167

■ 149, 159, 140

■ 124, 133, 115

■ 99, 108, 90

■ 74, 83, 67

■ 53, 60, 45

■ 30, 38, 24

■ 11, 18, 0

■ 0, 0, 0

 205, 214, 194

 205, 214, 194

 197, 214, 173

 214, 214, 215

 185, 214, 151

 214, 220, 237

 177, 214, 130


 214, 226, 255

 165, 214, 108

 214, 229, 255

 157, 214, 87

 214, 232, 255

 149, 214, 66

 214, 234, 255

 137, 214, 44

 214, 235, 255

 129, 214, 23

 117, 214, 1

Harmonies

Analogous

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



220, 210, 196



205, 214, 194



195, 209, 198

Triad

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



205, 214, 194



191, 202, 214



216, 204, 215

Complementary

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



205, 214, 194



194, 199, 214

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.



209, 206, 220



205, 214, 194



194, 204, 219

Square

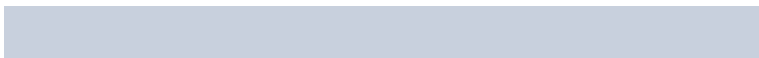
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



205, 214, 194



193, 204, 212



200, 206, 221



221, 203, 208

Rectangle

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



205, 214, 194



198, 210, 207



200, 206, 221



214, 205, 217

Sweetspot

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



205, 214, 194



252, 255, 247



214, 194, 201



125, 128, 122



0, 0, 0



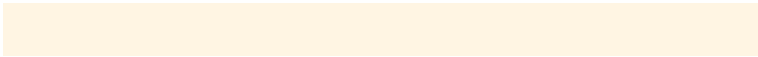
128, 128, 128

Same Dimension

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



205, 214, 194



243, 255, 227



194, 214, 197



102, 107, 96



95, 171, 0



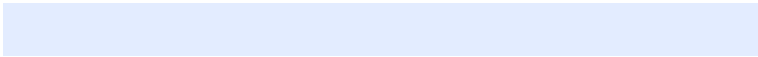
23, 43, 0

Inverse Universe

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



194, 199, 214



227, 234, 255



197, 194, 214



96, 99, 107



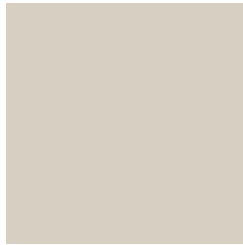
0, 45, 171



0, 11, 43

Previews

White Background



This preview shows how the RYB color 205, 214, 194 looks on a white background.

Color Contrast Check

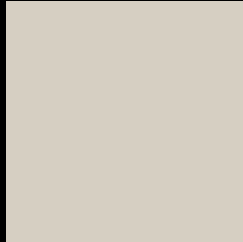
Large Text (above 18pt) WCAG AA × Fail

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 205, 214, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

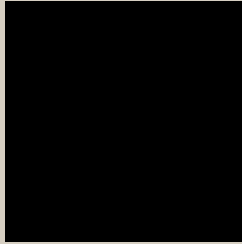
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

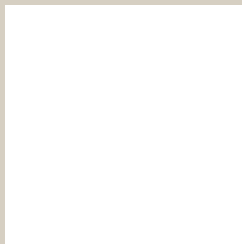
Any Text WCAG AAA ✓ Pass

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

RYP 205, 214, 194 Background



This preview shows how black text looks on a background with the RYP color 205, 214, 194.

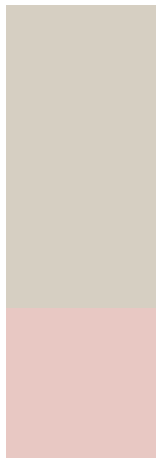


This preview shows how white text looks on a background with the RYP color 205, 214, 194.

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
205, 214, 194

Protanopia
205, 214, 194

Deuteranopia
232, 201, 195



Tritanopia
218, 203, 219

Trichromacy



Original Color

205, 214, 194

Protanomaly

205, 214, 194

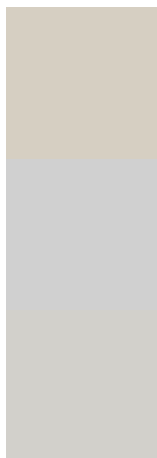
Deuteranomaly

225, 206, 195

Tritanomaly

217, 204, 210

Monochromacy



Original Color

205, 214, 194

Achromatopsia

208, 208, 208

Achromatomaly

206, 210, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 214, 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(214, 207, 194) looks like.

```
.text, #text, p{  
    color:rgb(214, 207, 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(214, 207, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 207, 194) }
```

Border

The CSS property to change the border of an element to RYB 205, 214, 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(214, 207, 194) }
```

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

```
.border{ border-color:rgb(214, 207, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 207, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 207, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 207, 194);  
box-shadow:4px 4px 4px 4px rgb(214, 207,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 205, 214, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 207, 194) }
```

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

```
.background{ background-color: rgb(214,  
207, 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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