

Converting Colors

`RYB(214, 207, 190)`

Have a look what the booklet for
RYB(214, 207, 190) contains.

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Color

R_YB(214, 207, 190)

Conversions

Conversions Part 1

Format	Color
Hex	D6C8BE
RGB	214, 200, 190
RGB Percent	84%, 78%, 75%
CMY	0.1608, 0.2159, 0.2549
CMYK	0.00, 0.07, 0.11, 0.16
HSL	25°, 23%, 79%
HSV	25°, 11%, 84%
XYZ	57.6688, 59.2998, 57.1217
YIQ	203.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

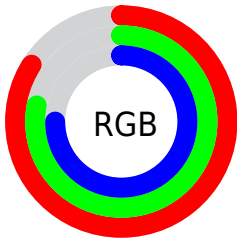
Format	Color
RYB	214, 207, 190
Decimal	14076094
CIELab	81.46, 3.22, 6.72
CIELCh	81, 7.456, 64.412
Yxy	59.2998, 0.3313, 0.3406
Android (android.graphics.Color)	4292266174 (0xFFD6C8BE)
YUV	203.0460, -6.4317, 9.6067
Hunter-Lab	77.0064, -1.0854, 9.9244

Details

The RYB color **214, 207, 190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **190, 199, 214**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **246, 255, 246**, and **159, 152, 137** is the 20% darker color. If you saturate the color by 10%, you get **214, 199, 169**, and if you desaturate by 10%, it is **214, 213, 211**.

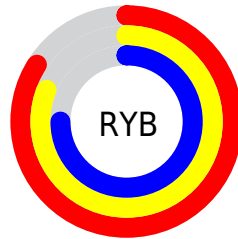
Distribution



Red (84%)

Green (78%)

Blue (75%)



Red (84%)

Yellow (81%)

Blue (75%)

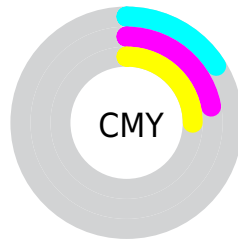


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (16%)



Cyan (16%)

Magenta (22%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 207, 190 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 214, 207, 190 by changing the saturation by 10% instead.

 214, 207, 190

255, 255, 255


 246, 255, 246

 214, 207, 190

 186, 181, 163

 159, 152, 137

 133, 126, 111

 108, 103, 87

 83, 78, 64

 60, 56, 42


 38, 36, 21

 16, 4, 0


 0, 0, 0

 214, 207, 190

 214, 207, 190

 214, 199, 169


 214, 213, 211

 214, 195, 147

 214, 221, 233

 214, 187, 126


 214, 229, 254

 214, 183, 104


 214, 233, 255


 214, 175, 83

 214, 235, 255

 214, 170, 62

 214, 163, 40

 214, 158, 19

 214, 152, 0

Harmonies

Analogous

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



218, 198, 195



214, 207, 190



196, 207, 189

Triad

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



214, 207, 190



187, 198, 207



205, 200, 214

Complementary

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



214, 207, 190



190, 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.



197, 202, 216



214, 207, 190



186, 197, 210

Square

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



214, 207, 190



192, 203, 206



189, 199, 215



213, 199, 209

Rectangle

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



214, 207, 190



190, 204, 192



189, 199, 215



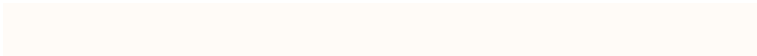
202, 201, 215

Sweetspot

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



214, 207, 190



255, 255, 247



214, 190, 204



128, 128, 122



0, 0, 0



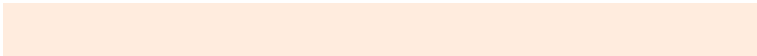
128, 128, 128

Same Dimension

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



214, 207, 190



255, 246, 222



192, 214, 190



107, 105, 96



171, 121, 0



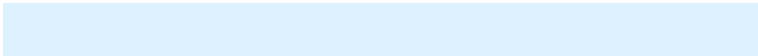
43, 31, 0

Inverse Universe

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



190, 199, 214



222, 234, 255



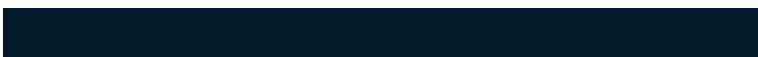
190, 192, 214



96, 100, 107



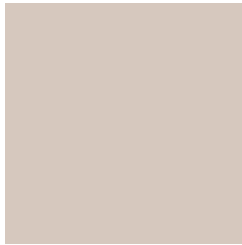
0, 63, 171



0, 16, 43

Previews

White Background



This preview shows how the RYB color 214, 207, 190 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 214, 207, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

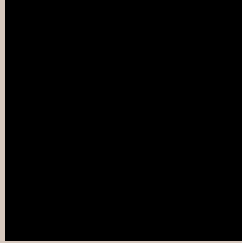
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

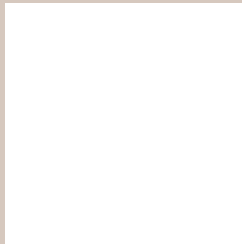
Any Text WCAG AAA ✓ Pass

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

RYB 214, 207, 190 Background



This preview shows how black text looks on a background with the RYB color 214, 207, 190.

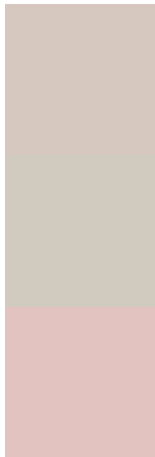


This preview shows how white text looks on a background with the RYB color 214, 207, 190.

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
214, 207, 190

Protanopia
202, 209, 191

Deuteranopia
226, 196, 191



Tritanopia
217, 197, 212

Trichromacy



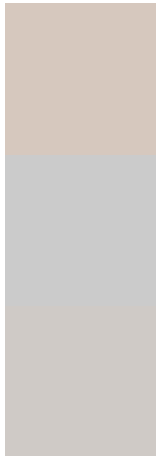
Original Color
214, 207, 190

Protanomaly
211, 211, 191

Deuteranomaly
222, 198, 191

Tritanomaly
216, 198, 204

Monochromacy



Original Color
214, 207, 190

Achromatopsia
203, 203, 203

Achromatomaly
207, 205, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 207, 190 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, 200, 190)` looks like.

```
.text, #text, p{  
    color:rgb(214, 200, 190)  
}
```

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, 200, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 200, 190) }
```

Border

The CSS property to change the border of an element to RYB 214, 207, 190 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, 200, 190) }
```

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

```
.border{ border-color:rgb(214, 200, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 200, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 200, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 200, 190);  
box-shadow:4px 4px 4px 4px rgb(214, 200,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 214, 207, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 200, 190) }
```

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

```
.background{ background-color: rgb(214,  
200, 190) }
```

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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