

Converting Colors

`RYB(206, 197, 169)`

Have a look what the booklet for
RYB(206, 197, 169) contains.

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Color

R_YB(206, 197, 169)

Conversions

Conversions Part 1

Format	Color
Hex	CEB9A9
RGB	206, 185, 169
RGB Percent	81%, 73%, 66%
CMY	0.1922, 0.2748, 0.3373
CMYK	0.00, 0.10, 0.18, 0.19
HSL	26°, 27%, 74%
HSV	26°, 18%, 81%
XYZ	49.9511, 50.6586, 44.6815
YIQ	189.4550, 17.6520, -0.5240

Conversions

Conversions Part 2

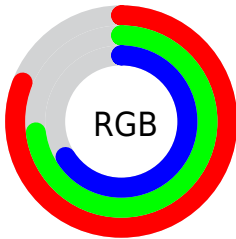
Format	Color
R _Y B	206, 197, 169
Decimal	13547945
CIE Lab	76.47, 4.91, 10.81
CIE LCh	76, 11.874, 65.571
Yxy	50.6586, 0.3438, 0.3487
Android (android.graphics.Color)	4291738025 (0xFFCEB9A9)
YUV	189.4550, -10.0843, 14.5100
Hunter-Lab	71.1748, 0.7169, 12.6018

Details

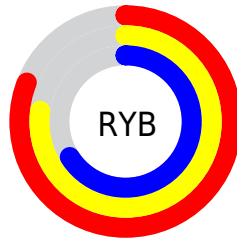
The RYB color **206, 197, 169** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **169, 182, 206**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **250, 255, 224**, and **151, 144, 117** is the 20% darker color. If you saturate the color by 10%, you get **206, 192, 148**, and if you desaturate by 10%, it is **206, 202, 190**.

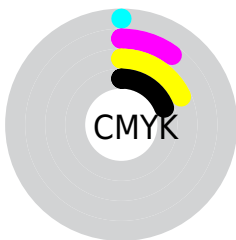
Distribution



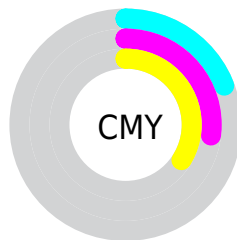
- Red (81%)
- Green (73%)
- Blue (66%)



- Red (81%)
- Yellow (77%)
- Blue (66%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (19%)



- Cyan (19%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 197, 169 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 206, 197, 169 by changing the saturation by 10% instead.

 206, 197, 169

255, 255, 255

 250, 255, 224

253, 255, 253

 206, 197, 169

 178, 169, 143

 151, 144, 117

 125, 120, 92

 100, 95, 69

 76, 72, 46

 52, 48, 26

 28, 32, 0


 0, 0, 0

 206, 197, 169

 206, 197, 169

 206, 192, 148


 206, 202, 190

 206, 185, 128


 206, 207, 210

 206, 183, 107


 206, 215, 231

 206, 176, 87


 206, 222, 251

 206, 171, 66

 206, 227, 255

 206, 169, 45

 206, 231, 255

 206, 162, 25

 206, 157, 4

 206, 157, 0

Harmonies

Analogous

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



212, 183, 176



206, 197, 169



176, 196, 167

Triad

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



206, 197, 169



163, 180, 195



193, 185, 206

Complementary

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



206, 197, 169



169, 182, 206

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.



180, 187, 210



206, 197, 169



161, 179, 201

Square

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



206, 197, 169



171, 188, 194



168, 183, 208



205, 182, 198

Rectangle

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



206, 197, 169



169, 191, 173



168, 183, 208



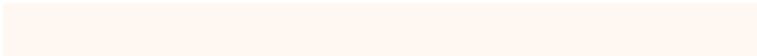
189, 186, 208

Sweetspot

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



206, 197, 169



255, 253, 242



206, 169, 191



128, 125, 120



0, 0, 0



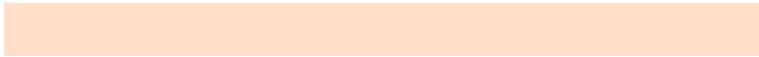
128, 128, 128

Same Dimension

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



206, 197, 169



255, 241, 199



172, 206, 169



102, 99, 92



166, 124, 0



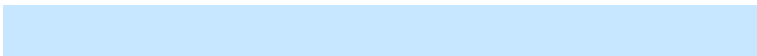
38, 28, 0

Inverse Universe

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



169, 182, 206



199, 219, 255



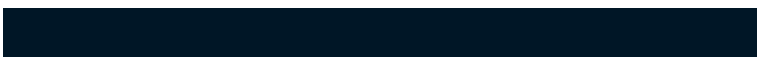
169, 172, 206



92, 96, 102



0, 60, 166



0, 14, 38

Previews

White Background



This preview shows how the RYB color 206, 197, 169 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 206, 197, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

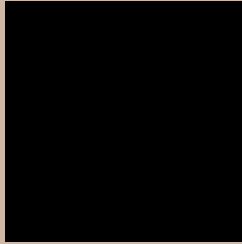
Any Text WCAG AA ✓ Pass

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 206, 197, 169 Background



This preview shows how black text looks on a background with the RYP color 206, 197, 169.



This preview shows how white text looks on a background with the RYP color 206, 197, 169.

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
206, 197, 169

Protanopia
183, 196, 171

Deuteranopia
214, 187, 170



Tritanopia
209, 181, 195

Trichromacy



Original Color

206, 197, 169

Protanomaly

193, 200, 170

Deuteranomaly

211, 189, 170

Tritanomaly

208, 182, 186

Monochromacy



Original Color

206, 197, 169

Achromatopsia

189, 189, 189

Achromatomaly

195, 193, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 197, 169 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(206, 185, 169) looks like.

```
.text, #text, p{  
    color:rgb(206, 185, 169)  
}
```

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(206, 185, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 185, 169) }
```

Border

The CSS property to change the border of an element to RYB 206, 197, 169 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(206, 185, 169) }
```

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

```
.border{ border-color:rgb(206, 185, 169) }
```

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

Here you see how a box with a 4 pixel rgb(206, 185, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 185, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 185, 169);  
box-shadow:4px 4px 4px 4px rgb(206, 185,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 206, 197, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 185, 169) }
```

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

```
.background{ background-color: rgb(206,  
185, 169) }
```

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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