

Converting Colors

`RYB(205, 201, 131)`

Have a look what the booklet for
RYB(205, 201, 131) contains.

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Color

R_YB(205, 201, 131)

Conversions

Conversions Part 1

Format	Color
Hex	CDA783
RGB	205, 167, 131
RGB Percent	80%, 65%, 51%
CMY	0.1961, 0.3452, 0.4863
CMYK	0.00, 0.19, 0.36, 0.20
HSL	29°, 43%, 66%
HSV	29°, 36%, 80%
XYZ	43.0872, 42.2451, 27.3559
YIQ	174.2580, 34.2040, -3.1400

Conversions

Conversions Part 2

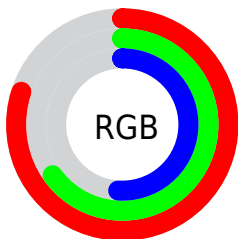
Format	Color
R _Y B	205, 201, 131
Decimal	13477763
CIE Lab	71.04, 8.93, 23.87
CIE LCh	71, 25.482, 69.496
Yxy	42.2451, 0.3824, 0.3749
Android (android.graphics.Color)	4291667843 (0xFFCDA783)
YUV	174.2580, -21.3262, 26.9607
Hunter-Lab	64.9962, 4.5876, 20.5431

Details

The RYB color **205, 201, 131** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **131, 156, 205**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **246, 255, 184**, and **149, 149, 81** is the 20% darker color. If you saturate the color by 10%, you get **205, 199, 110**, and if you desaturate by 10%, it is **205, 205, 151**.

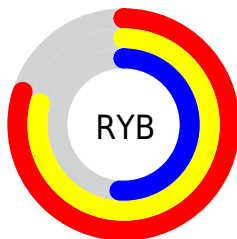
Distribution



Red (80%)

Green (65%)

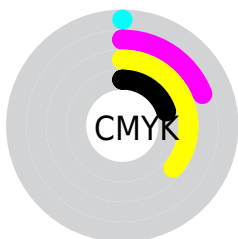
Blue (51%)



Red (80%)

Yellow (79%)

Blue (51%)

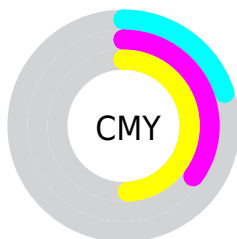


Cyan (0%)

Magenta (19%)

Yellow (36%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RYB color 205, 201, 131 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, 201, 131 by changing the saturation by 10% instead.

 205, 201, 131

 205, 201, 131


255, 255, 255

 177, 175, 106

 246, 255, 184

 149, 149, 81

 216, 255, 212

 121, 123, 58

 240, 255, 240

 95, 97, 36

 62, 71, 14

 48, 48, 0

 23, 0, 0


 0, 0, 0

 205, 201, 131


 205, 201, 131

 205, 199, 110


 205, 205, 151

 205, 199, 90


 205, 203, 172

 205, 197, 69

 205, 205, 193

 205, 197, 49

 205, 208, 213

 205, 195, 28

 205, 215, 234

 205, 195, 8

 205, 222, 254

 205, 195, 0

 205, 226, 255

 205, 229, 255

 205, 230, 255

Harmonies

Analogous

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



218, 164, 145



205, 201, 131



137, 183, 128

Triad

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



205, 201, 131



111, 151, 187



187, 165, 210

Complementary

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



205, 201, 131



131, 156, 205

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.



156, 169, 219



205, 201, 131



107, 150, 203

Square

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



205, 201, 131



131, 168, 186



125, 160, 217



210, 159, 191

Rectangle

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



205, 201, 131



133, 179, 146



125, 160, 217



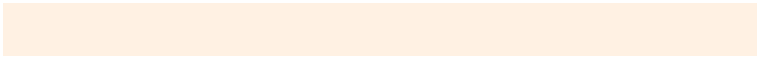
177, 168, 214

Sweetspot

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



205, 201, 131



255, 255, 227



205, 131, 169



128, 126, 111



0, 0, 0



128, 128, 128

Same Dimension

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



205, 201, 131



255, 251, 145



132, 205, 131



102, 102, 92



166, 158, 0



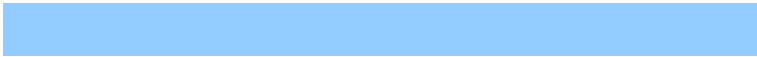
38, 38, 0

Inverse Universe

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



131, 156, 205



145, 183, 255



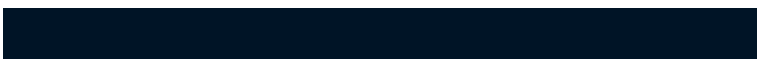
131, 132, 205



92, 95, 102



0, 56, 166



0, 13, 38

Previews

White Background



This preview shows how the RYB color 205, 201, 131 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, 201, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

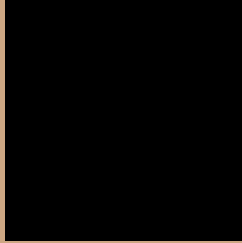
Any Text WCAG AA ✓ Pass

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 205, 201, 131 Background



This preview shows how black text looks on a background with the RYB color 205, 201, 131.



This preview shows how white text looks on a background with the RYB color 205, 201, 131.

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, 201, 131

Protanopia
150, 186, 134

Deuteranopia
205, 201, 131



Tritanopia
209, 161, 174

Trichromacy



Original Color
205, 201, 131

Protanomaly
168, 193, 133

Deuteranomaly
205, 201, 131

Tritanomaly
208, 164, 158

Monochromacy



Original Color
205, 201, 131

Achromatopsia
174, 174, 174

Achromatomaly
185, 183, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 201, 131 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(205, 167, 131)` looks like.

```
.text, #text, p{  
    color:rgb(205, 167, 131)  
}
```

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(205, 167, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 167, 131) }
```

Border

The CSS property to change the border of an element to RYB 205, 201, 131 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(205, 167, 131) }
```

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

```
.border{ border-color:rgb(205, 167, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 167, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 167, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 167, 131);  
box-shadow:4px 4px 4px 4px rgb(205, 167,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 205, 167, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 167, 131) }
```

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

```
.background{ background-color: rgb(205,  
167, 131) }
```

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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