

Converting Colors

`RYB(197, 205, 101)`

Have a look what the booklet for
RYB(197, 205, 101) contains.

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Color

$\text{RYB}(197, 205, 101)$

Conversions

Conversions Part 1

Format	Color
Hex	CD9B65
RGB	205, 155, 101
RGB Percent	80%, 61%, 40%
CMY	0.1961, 0.3918, 0.6039
CMYK	0.00, 0.24, 0.51, 0.20
HSL	31°, 51%, 60%
HSV	31°, 51%, 80%
XYZ	39.2605, 37.3880, 17.4593
YIQ	163.7940, 47.1340, -6.1940

Conversions

Conversions Part 2

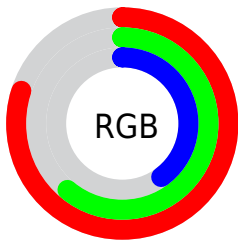
Format	Color
RYB	197, 205, 101
Decimal	13474661
CIELab	67.57, 12.17, 35.43
CIElCh	68, 37.457, 71.044
Yxy	37.3880, 0.4172, 0.3973
Android (android.graphics.Color)	4291664741 (0xFFCD9B65)
YUV	163.7940, -30.9574, 36.1377
Hunter-Lab	61.1458, 7.6062, 25.8726

Details

The RYB color **197, 205, 101** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **101, 135, 205**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **237, 255, 153**, and **135, 148, 53** is the 20% darker color. If you saturate the color by 10%, you get **197, 205, 81**, and if you desaturate by 10%, it is **199, 205, 122**.

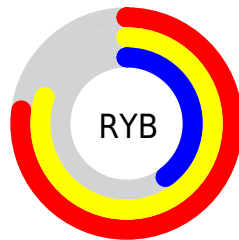
Distribution



Red (80%)

Green (61%)

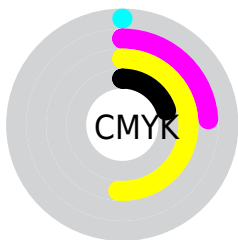
Blue (40%)



Red (77%)

Yellow (80%)

Blue (40%)

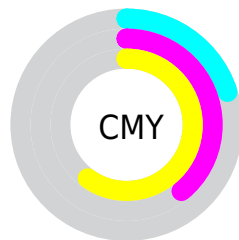


Cyan (0%)

Magenta (24%)

Yellow (51%)

Black (20%)



Cyan (20%)

Magenta (39%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 205, 101 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 197, 205, 101 by changing the saturation by 10% instead.

 197, 205, 101

255, 255, 255

 234, 255, 153

 202, 255, 180


 208, 255, 208

 236, 255, 236

 197, 205, 101

 165, 176, 76

 135, 148, 53

 103, 121, 29

 68, 94, 5

 64, 68, 0

 42, 23, 0

 4, 0, 0

 0, 0, 0

 197, 205, 101

 197, 205, 101

197, 205, 81

199, 205, 122

195, 205, 60

199, 205, 142

190, 205, 39

201, 205, 163

190, 205, 19

205, 205, 183

188, 205, 0

205, 204, 204

205, 211, 224

205, 218, 245

205, 223, 255

205, 227, 255

Harmonies

Analogous

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



225, 150, 122



197, 205, 101



105, 174, 97

Triad

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



197, 205, 101



43, 115, 183



184, 151, 216

Complementary

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



197, 205, 101



101, 135, 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.



136, 158, 231



197, 205, 101



3, 98, 208

Square

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



197, 205, 101



95, 151, 181



76, 136, 228



217, 141, 187

Rectangle

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



197, 205, 101



105, 173, 128



76, 136, 228



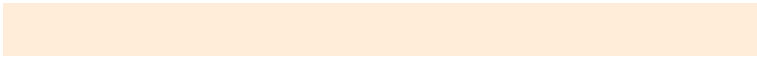
170, 155, 222

Sweetspot

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



197, 205, 101



251, 255, 217



205, 101, 151



128, 126, 105



0, 0, 0



128, 128, 128

Same Dimension

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



197, 205, 101



243, 255, 99



101, 205, 103



102, 102, 92



154, 166, 0



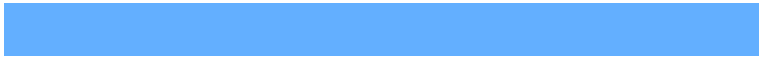
34, 38, 0

Inverse Universe

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



101, 135, 205



99, 150, 255



103, 101, 205



92, 95, 102



0, 54, 166



0, 12, 38

Previews

White Background



This preview shows how the RYB color 197, 205, 101 looks on a white background.

Color Contrast Check

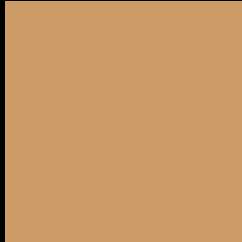
Large Text (above 18pt) WCAG AA × Fail

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 197, 205, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

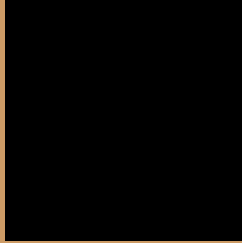
Any Text WCAG AA ✓ Pass

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 197, 205, 101 Background



This preview shows how black text looks on a background with the RYB color 197, 205, 101.



This preview shows how white text looks on a background with the RYB color 197, 205, 101.

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
197, 205, 101

Protanopia
124, 180, 105

Deuteranopia
177, 200, 101



Tritanopia
210, 148, 159

Trichromacy



Original Color
197, 205, 101

Protanomaly
146, 189, 104

Deuteranomaly
185, 202, 101

Tritanomaly
208, 154, 138

Monochromacy



Original Color
197, 205, 101

Achromatopsia
164, 164, 164

Achromatomaly
175, 179, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 205, 101 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, 155, 101) looks like.

```
.text, #text, p{  
    color:rgb(205, 155, 101)  
}
```

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, 155, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 155, 101) }
```

Border

The CSS property to change the border of an element to RYB 197, 205, 101 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, 155, 101) }
```

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

```
.border{ border-color:rgb(205, 155, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 155, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 155, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 155, 101);  
box-shadow:4px 4px 4px 4px rgb(205, 155,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 197, 205, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 155, 101) }
```

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

```
.background{ background-color: rgb(205,  
155, 101) }
```

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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