

Converting Colors

`RYB(150, 201, 115)`

Have a look what the booklet for
RYB(150, 201, 115) contains.

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Color

R_YB(150, 201, 115)

Conversions

Conversions Part 1

Format	Color
Hex	C9B073
RGB	201, 176, 115
RGB Percent	79%, 69%, 45%
CMY	0.2118, 0.3093, 0.5490
CMYK	0.00, 0.12, 0.43, 0.21
HSL	43°, 44%, 62%
HSV	43°, 43%, 79%
XYZ	42.7316, 44.7546, 22.6060
YIQ	176.5210, 34.4810, -13.6710

Conversions

Conversions Part 2

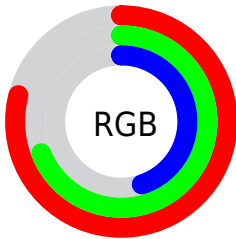
Format	Color
RYB	150, 201, 115
Decimal	13217907
CIELab	72.73, 0.58, 34.56
CIELCh	73, 34.561, 89.039
Yxy	44.7546, 0.3881, 0.4065
Android (android.graphics.Color)	4291407987 (0xFFC9B073)
YUV	176.5210, -30.3299, 21.4681
Hunter-Lab	66.8989, -3.0565, 26.7944

Details

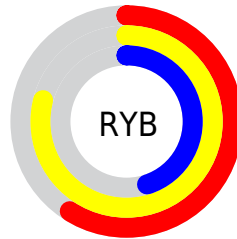
The RYB color **150, 201, 115** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **115, 134, 201**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **201, 255, 168**, and **95, 145, 66** is the 20% darker color. If you saturate the color by 10%, you get **139, 201, 95**, and if you desaturate by 10%, it is **162, 201, 135**.

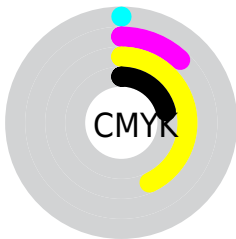
Distribution



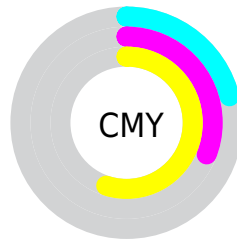
- Red (79%)
- Green (69%)
- Blue (45%)



- Red (59%)
- Yellow (79%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (43%)
- Black (21%)



- Cyan (21%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 201, 115 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 150, 201, 115 by changing the saturation by 10% instead.

 150, 201, 115

255, 255, 255

 199, 255, 168

 195, 255, 195

 223, 255, 223

 252, 255, 252

 150, 201, 115


 122, 173, 90

 95, 145, 66

 69, 119, 42

 40, 92, 18

 19, 68, 0

 15, 43, 0

 12, 16, 0

 0, 0, 0

 150, 201, 115

 150, 201, 115

139, 201, 95

162, 201, 135

127, 201, 75

173, 201, 155

114, 201, 55

185, 201, 175

103, 201, 35

198, 201, 195

91, 201, 15

201, 204, 216

82, 201, 0

201, 209, 236

201, 213, 255

201, 217, 255

201, 219, 255

Harmonies

Analogous

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



227, 191, 125



150, 201, 115



122, 186, 140

Triad

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



150, 201, 115



67, 134, 208



218, 160, 211

Complementary

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



150, 201, 115



115, 134, 201

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.



181, 171, 234



150, 201, 115



86, 147, 232

Square

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



150, 201, 115



93, 150, 196



134, 167, 241



238, 155, 181

Rectangle

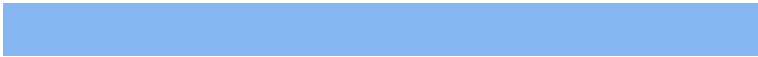
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



150, 201, 115



136, 191, 183



134, 167, 241



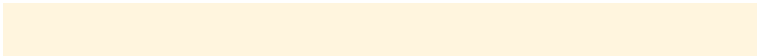
207, 163, 220

Sweetspot

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



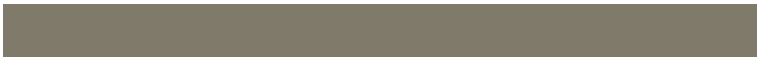
150, 201, 115



236, 255, 222



201, 115, 141



115, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



150, 201, 115



179, 255, 125



115, 201, 132



93, 99, 90



66, 163, 0



16, 36, 0

Inverse Universe

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



115, 134, 201



125, 154, 255



132, 115, 201



90, 92, 99



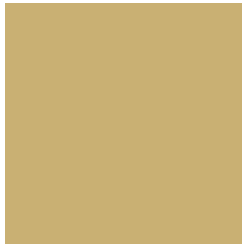
0, 36, 163



0, 8, 36

Previews

White Background



This preview shows how the RYB color 150, 201, 115 looks on a white background.

Color Contrast Check

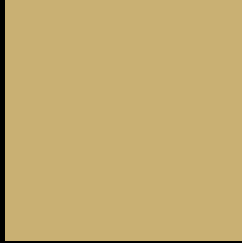
Large Text (above 18pt) WCAG AA × Fail

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 150, 201, 115 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 150, 201, 115 Background



This preview shows how black text looks on a background with the RYP color 150, 201, 115.

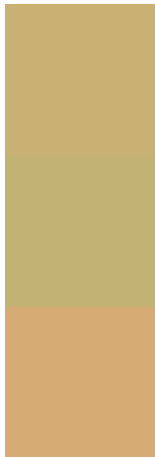


This preview shows how white text looks on a background with the RYP color 150, 201, 115.

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
150, 201, 115

Protanopia
135, 194, 116

Deuteranopia
195, 215, 116



Tritanopia
208, 168, 181

Trichromacy



Original Color
150, 201, 115

Protanomaly
141, 197, 116

Deuteranomaly
177, 210, 116

Tritanomaly
205, 177, 157

Monochromacy



Original Color
150, 201, 115

Achromatopsia
177, 177, 177

Achromatomaly
167, 186, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 201, 115 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(201, 176, 115)` looks like.

```
.text, #text, p{  
    color:rgb(201, 176, 115)  
}
```

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(201, 176, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 176, 115) }
```

Border

The CSS property to change the border of an element to RYB 150, 201, 115 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(201, 176, 115) }
```

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

```
.border{ border-color:rgb(201, 176, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 176, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 176, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 176, 115);  
box-shadow:4px 4px 4px 4px rgb(201, 176,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 150, 201, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 176, 115) }
```

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

```
.background{ background-color: rgb(201,  
176, 115) }
```

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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