

Converting Colors

`RYB(100, 205, 132)`

Have a look what the booklet for
RYB(100, 205, 132) contains.

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Color

R_YB(100, 205, 132)

Conversions

Conversions Part 1

Format	Color
Hex	ADCDC64
RGB	173, 205, 100
RGB Percent	68%, 80%, 39%
CMY	0.3216, 0.1961, 0.6078
CMYK	0.16, 0.00, 0.51, 0.20
HSL	78°, 51%, 60%
HSV	78°, 51%, 80%
XYZ	41.3652, 53.4670, 20.1966
YIQ	183.4620, 14.6330, -39.4390

Conversions

Conversions Part 2

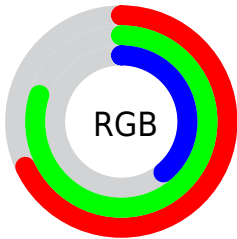
Format	Color
RYB	100, 205, 132
Decimal	11390308
CIELab	78.15, -26.91, 48.27
CIELCh	78, 55.261, 119.140
Yxy	53.4670, 0.3596, 0.4648
Android (android.graphics.Color)	4289580388 (0xFFADCD64)
YUV	183.4620, -41.1468, -9.1752
Hunter-Lab	73.1211, -26.9832, 34.8085

Details

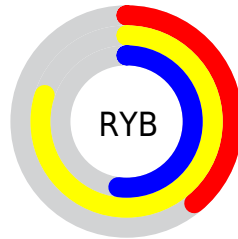
The RYB color **100, 205, 132** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **132, 100, 205**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **153, 255, 178**, and **48, 151, 81** is the 20% darker color. If you saturate the color by 10%, you get **80, 205, 118**, and if you desaturate by 10%, it is **121, 205, 147**.

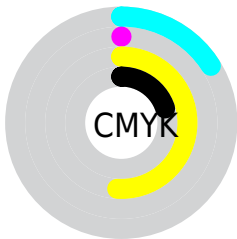
Distribution



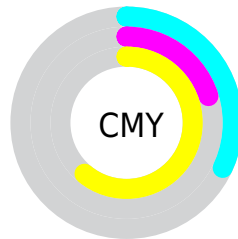
- Red (68%)
- Green (80%)
- Blue (39%)



- Red (39%)
- Yellow (80%)
- Blue (52%)



- Cyan (16%)
- Magenta (0%)
- Yellow (51%)
- Black (20%)



- Cyan (32%)
- Magenta (20%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RYB color 100, 205, 132 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 100, 205, 132 by changing the saturation by 10% instead.

 100, 205, 132

255, 255, 255


 153, 255, 178

 181, 255, 181


 209, 255, 209


 238, 255, 238

 100, 205, 132

 74, 177, 106

 48, 151, 81

 20, 125, 53

 0, 100, 34

 0, 75, 34

 0, 53, 41

 0, 33, 33

 0, 0, 0

 100, 205, 132

 100, 205, 132

■ 80, 205, 118

■ 121, 205, 147

■ 59, 205, 103

■ 141, 205, 161

■ 39, 205, 90

■ 162, 205, 175

■ 18, 205, 75

■ 182, 205, 189

■ 0, 205, 62

■ 203, 205, 204

■ 210, 205, 223

■ 217, 205, 243

■ 223, 205, 255

■ 229, 205, 255

Harmonies

Analogous

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



134, 225, 87



100, 205, 132



108, 191, 215

Triad

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



100, 205, 132



0, 116, 255



255, 150, 197

Complementary

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



100, 205, 132



132, 100, 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.



255, 161, 247



100, 205, 132



96, 159, 255

Square

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



100, 205, 132



0, 115, 242



194, 180, 255



255, 156, 146

Rectangle

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



100, 205, 132



27, 136, 218



194, 180, 255



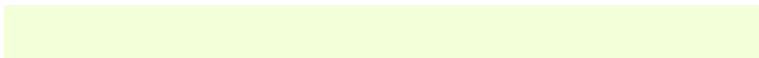
255, 152, 214

Sweetspot

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



100, 205, 132



217, 255, 229



205, 146, 100



105, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



100, 205, 132



99, 255, 146



100, 205, 184



92, 102, 95



0, 166, 51



0, 38, 11

Inverse Universe

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



132, 100, 205



147, 99, 255



184, 100, 205



95, 92, 102



51, 0, 166



12, 0, 38

Previews

White Background



This preview shows how the RYB color 100, 205, 132 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 100, 205, 132 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 100, 205, 132 Background



This preview shows how black text looks on a background with the RYB color 100, 205, 132.

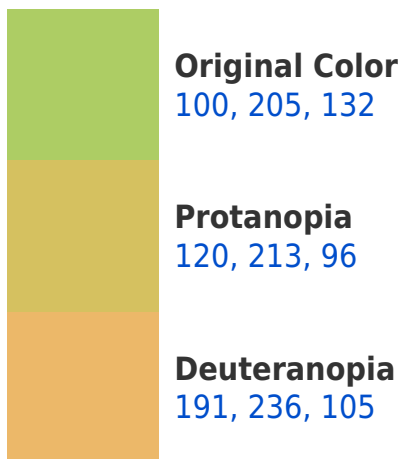


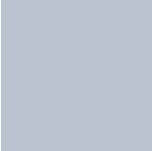
This preview shows how white text looks on a background with the RYB color 100, 205, 132.

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





Tritanopia
187, 192, 208

Trichromacy



Original Color
100, 205, 132

Protanomaly
98, 198, 97

Deuteranomaly
129, 213, 103

Tritanomaly
169, 197, 184

Monochromacy



Original Color
100, 205, 132

Achromatopsia
183, 183, 183

Achromatomaly
153, 191, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 100, 205, 132 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(173, 205, 100)` looks like.

```
.text, #text, p{  
    color:rgb(173, 205, 100)  
}
```

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(173, 205, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 205, 100) }
```

Border

The CSS property to change the border of an element to RYB 100, 205, 132 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(173, 205, 100) }
```

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

```
.border{ border-color:rgb(173, 205, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 205, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 205, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 205, 100);  
box-shadow:4px 4px 4px 4px rgb(173, 205,  
100) }
```

Background

The CSS property to change the background color of an element to RYB 100, 205, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 205, 100) }
```

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

```
.background{ background-color: rgb(173,  
205, 100) }
```

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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