

Converting Colors

`RYB(105, 200, 126)`

Have a look what the booklet for
RYB(105, 200, 126) contains.

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Color

R_YB(105, 200, 126)

Conversions

Conversions Part 1

Format	Color
Hex	B3C869
RGB	179, 200, 105
RGB Percent	70%, 78%, 41%
CMY	0.2980, 0.2157, 0.5882
CMYK	0.11, 0.00, 0.48, 0.22
HSL	73°, 46%, 60%
HSV	73°, 48%, 78%
XYZ	41.7945, 51.9122, 21.1819
YIQ	182.8910, 17.9790, -33.9970

Conversions

Conversions Part 2

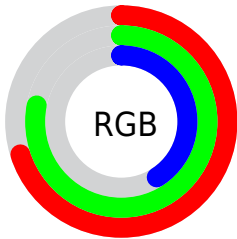
Format	Color
RYB	105, 200, 126
Decimal	11782249
CIELab	77.23, -21.63, 44.85
CIELCh	77, 49.796, 115.746
Yxy	51.9122, 0.3638, 0.4518
Android (android.graphics.Color)	4289972329 (0xFFB3C869)
YUV	182.8910, -38.4003, -3.4124
Hunter-Lab	72.0501, -22.5443, 33.0045

Details

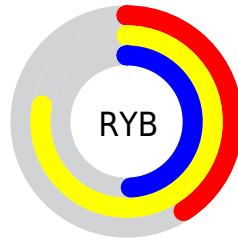
The RYB color **105, 200, 126** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **126, 105, 200**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **158, 255, 177**, and **54, 146, 76** is the 20% darker color. If you saturate the color by 10%, you get **85, 200, 110**, and if you desaturate by 10%, it is **125, 200, 142**.

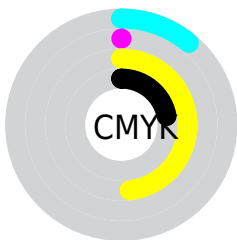
Distribution



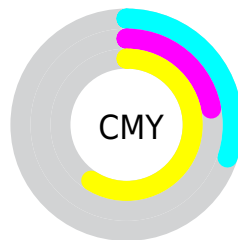
- Red (70%)
- Green (78%)
- Blue (41%)



- Red (41%)
- Yellow (78%)
- Blue (49%)



- Cyan (11%)
- Magenta (0%)
- Yellow (48%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 200, 126 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 105, 200, 126 by changing the saturation by 10% instead.

 105, 200, 126

255, 255, 255


 158, 255, 177


 186, 255, 186

 214, 255, 214

 243, 255, 243

 105, 200, 126

 79, 173, 101

 54, 146, 76

 28, 120, 50

 0, 96, 24

 0, 72, 24

 0, 49, 27

 0, 30, 30

 0, 0, 0

 105, 200, 126

 105, 200, 126

■ 85, 200, 110

■ 125, 200, 142

■ 65, 200, 95

■ 145, 200, 157

■ 45, 200, 79

■ 165, 200, 173

■ 25, 200, 64

■ 185, 200, 188

■ 5, 200, 48

■ 201, 200, 205

■ 0, 200, 44

■ 206, 200, 225

■ 210, 200, 245

■ 214, 200, 255

■ 219, 200, 255

Harmonies

Analogous

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



153, 225, 97



105, 200, 126



123, 198, 210

Triad

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



105, 200, 126



0, 115, 255



255, 153, 199

Complementary

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



105, 200, 126



126, 105, 200

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.



242, 164, 243



105, 200, 126



99, 159, 255

Square

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



105, 200, 126



0, 111, 229



185, 181, 255



255, 156, 153

Rectangle

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



105, 200, 126



74, 158, 213



185, 181, 255



255, 156, 215

Sweetspot

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



105, 200, 126



219, 255, 227



200, 132, 105



106, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



105, 200, 126



110, 255, 142



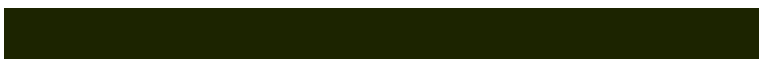
105, 200, 173



90, 99, 92



0, 163, 36



0, 36, 8

Inverse Universe

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



126, 105, 200



142, 110, 255



173, 105, 200



92, 90, 99



36, 0, 163



8, 0, 36

Previews

White Background



This preview shows how the RYB color 105, 200, 126 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 105, 200, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

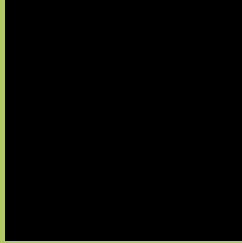
Any Text WCAG AA ✓ Pass

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 105, 200, 126 Background



This preview shows how black text looks on a background with the RYB color 105, 200, 126.

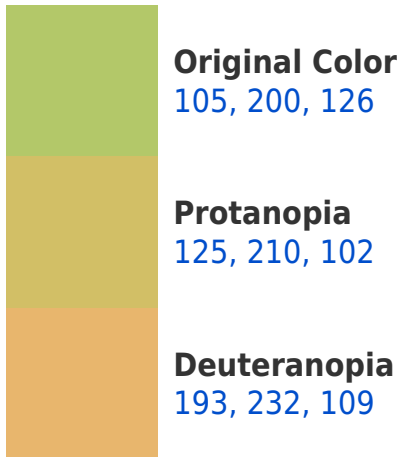



This preview shows how white text looks on a background with the RYB color 105, 200, 126.

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
191, 189, 204

Trichromacy



Original Color
105, 200, 126

Protanomaly
108, 199, 103

Deuteranomaly
139, 213, 108

Tritanomaly
168, 193, 174

Monochromacy



Original Color
105, 200, 126

Achromatopsia
183, 183, 183

Achromatomaly
155, 189, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 200, 126 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(179, 200, 105)` looks like.

```
.text, #text, p{  
    color:rgb(179, 200, 105)  
}
```

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(179, 200, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 200, 105) }
```

Border

The CSS property to change the border of an element to RYB 105, 200, 126 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(179, 200, 105) }
```

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

```
.border{ border-color:rgb(179, 200, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 200, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 200, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 200, 105);  
box-shadow:4px 4px 4px 4px rgb(179, 200,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 105, 200, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 200, 105) }
```

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

```
.background{ background-color: rgb(179,  
200, 105) }
```

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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