

Converting Colors

`RYB(105, 184, 116)`

Have a look what the booklet for RYB(105, 184, 116) contains.

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Color

R_YB(105, 184, 116)

Conversions

Conversions Part 1

Format	Color
Hex	ADB869
RGB	173, 184, 105
RGB Percent	68%, 72%, 41%
CMY	0.3216, 0.2784, 0.5882
CMYK	0.06, 0.00, 0.43, 0.28
HSL	68°, 36%, 57%
HSV	68°, 43%, 72%
XYZ	36.9239, 44.1851, 19.9471
YIQ	171.7050, 18.8030, -26.9010

Conversions

Conversions Part 2

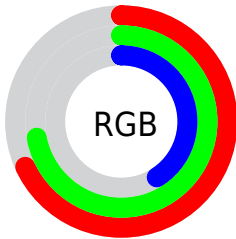
Format	Color
RYB	105, 184, 116
Decimal	11384937
CIELab	72.35, -16.00, 38.74
CIELCh	72, 41.914, 112.435
Yxy	44.1851, 0.3654, 0.4372
Android (android.graphics.Color)	4289575017 (0xFFADB869)
YUV	171.7050, -32.8856, 1.1357
Hunter-Lab	66.4719, -17.1725, 28.7384

Details

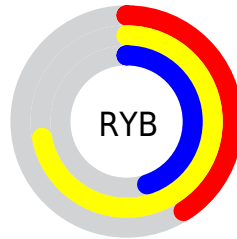
The RYB color **105, 184, 116** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **116, 105, 184**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **158, 240, 168**, and **55, 131, 67** is the 20% darker color. If you saturate the color by 10%, you get **87, 184, 101**, and if you desaturate by 10%, it is **123, 184, 131**.

Distribution



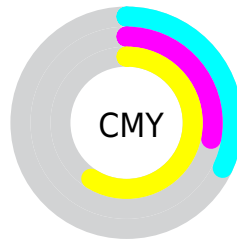
- Red (68%)
- Green (72%)
- Blue (41%)



- Red (41%)
- Yellow (72%)
- Blue (45%)



- Cyan (6%)
- Magenta (0%)
- Yellow (43%)
- Black (28%)



- Cyan (32%)
- Magenta (28%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 184, 116 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, 184, 116 by changing the saturation by 10% instead.

 105, 184, 116

255, 255, 255


 158, 240, 168

 185, 255, 185


 213, 255, 213

 242, 255, 242

 105, 184, 116


 80, 157, 91


 55, 131, 67

 31, 106, 44

 3, 82, 17


 0, 59, 14

 0, 37, 17

 0, 15, 15

 0, 0, 0

 105, 184, 116

 105, 184, 116

87, 184, 101

123, 184, 131

68, 184, 84

142, 184, 148

50, 184, 69

160, 184, 163

31, 184, 52

179, 184, 180

13, 184, 37

186, 184, 197

0, 184, 26

188, 184, 215

191, 184, 234

193, 184, 252

196, 184, 255

Harmonies

Analogous

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



161, 211, 101



105, 184, 116



128, 192, 193

Triad

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



105, 184, 116



0, 106, 237



245, 148, 189

Complementary

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



105, 184, 116



116, 105, 184

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.



216, 157, 225



105, 184, 116



101, 155, 253

Square

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



105, 184, 116



0, 100, 205



167, 171, 248



251, 149, 150

Rectangle

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



105, 184, 116



94, 159, 196



167, 171, 248



238, 150, 202

Sweetspot

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



105, 184, 116



209, 240, 214



184, 118, 105



101, 120, 104



247, 247, 247



120, 120, 120

Same Dimension

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



105, 184, 116



115, 240, 133



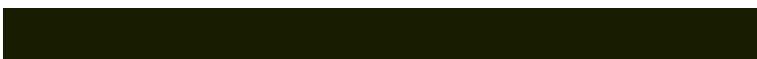
105, 184, 155



83, 92, 84



0, 156, 22



0, 28, 4

Inverse Universe

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



116, 105, 184



132, 115, 240



155, 105, 184



84, 83, 92



22, 0, 156



4, 0, 28

Previews

White Background



This preview shows how the RYB color 105, 184, 116 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, 184, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

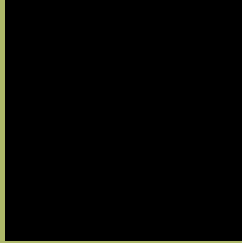
Any Text WCAG AA ✓ Pass

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, 184, 116 Background



This preview shows how black text looks on a background with the RYB color 105, 184, 116.

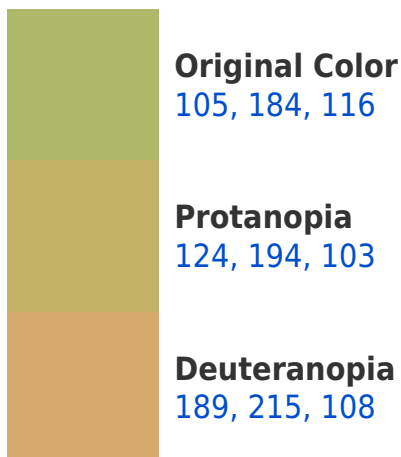


This preview shows how white text looks on a background with the RYB color 105, 184, 116.

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

183, 174, 188

Trichromacy



Original Color
105, 184, 116

Protanomaly
110, 186, 104

Deuteranomaly
143, 200, 107

Tritanomaly
159, 179, 158

Monochromacy



Original Color
105, 184, 116

Achromatopsia
172, 172, 172

Achromatomaly
148, 176, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 184, 116 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, 184, 105)` looks like.

```
.text, #text, p{  
    color:rgb(173, 184, 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(173, 184, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 184, 105) }
```

Border

The CSS property to change the border of an element to RYB 105, 184, 116 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, 184, 105) }
```

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

```
.border{ border-color:rgb(173, 184, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 184, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 184, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 184, 105);  
box-shadow:4px 4px 4px 4px rgb(173, 184,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 105, 184, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 184, 105) }
```

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

```
.background{ background-color: rgb(173,  
184, 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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