

Converting Colors

`RYB(105, 181, 201)`

Have a look what the booklet for
RYB(105, 181, 201) contains.

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Color

R_YB(105, 181, 201)

Conversions

Conversions Part 1

Format	Color
Hex	69C982
RGB	105, 201, 130
RGB Percent	41%, 79%, 51%
CMY	0.5882, 0.2118, 0.4892
CMYK	0.48, 0.00, 0.35, 0.21
HSL	136°, 47%, 60%
HSV	136°, 48%, 79%
XYZ	30.7593, 46.3953, 28.5458
YIQ	164.2020, -34.4250, -42.4330

Conversions

Conversions Part 2

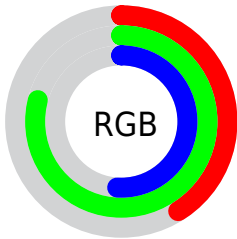
Format	Color
RYB	105, 181, 201
Decimal	6932866
CIELab	73.80, -43.79, 26.83
CIELCh	74, 51.357, 148.511
Yxy	46.3953, 0.2910, 0.4389
Android (android.graphics.Color)	4285122946 (0xFF69C982)
YUV	164.2020, -16.8616, -51.9202
Hunter-Lab	68.1141, -38.5918, 22.8321

Details

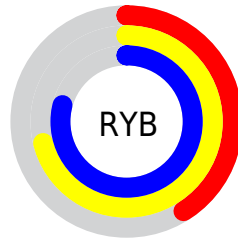
The RYB color **105, 181, 201** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **201, 105, 176**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **161, 237, 255**, and **47, 121, 146** is the 20% darker color. If you saturate the color by 10%, you get **85, 177, 201**, and if you desaturate by 10%, it is **125, 185, 201**.

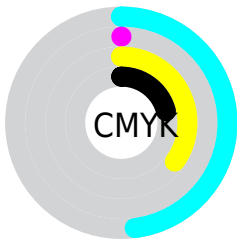
Distribution



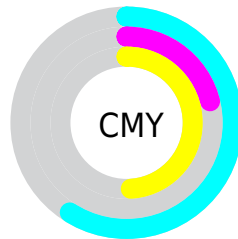
- Red (41%)
- Green (79%)
- Blue (51%)



- Red (41%)
- Yellow (71%)
- Blue (79%)



- Cyan (48%)
- Magenta (0%)
- Yellow (35%)
- Black (21%)



- Cyan (59%)
- Magenta (21%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 181, 201 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, 181, 201 by changing the saturation by 10% instead.

 105, 181, 201

255, 255, 255


 161, 237, 255


 190, 239, 255

 219, 242, 255

 248, 252, 255

 105, 181, 201

 77, 151, 173

 47, 121, 146

 2, 83, 120

 0, 70, 94

 0, 61, 70


 0, 47, 47

 0, 22, 22


 0, 0, 0

 105, 181, 201


 105, 181, 201

 85, 177, 201


 125, 185, 201

 65, 173, 201


 145, 189, 201

 45, 169, 201

 165, 193, 201

 25, 165, 201

 185, 197, 201

 5, 161, 201

 206, 201, 204

 0, 159, 201

 226, 201, 219

 246, 201, 234

 255, 201, 249

 255, 201, 255

Harmonies

Analogous

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



95, 192, 123



105, 181, 201



0, 110, 205

Triad

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



105, 181, 201



92, 152, 255



255, 146, 139

Complementary

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



105, 181, 201



201, 105, 176

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, 142, 186



105, 181, 201



181, 170, 255

Square

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



105, 181, 201



0, 112, 255



238, 152, 231



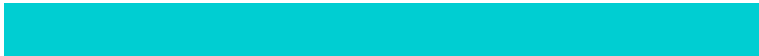
248, 201, 102

Rectangle

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



105, 181, 201



0, 104, 210



238, 152, 231



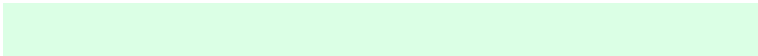
255, 143, 154

Sweetspot

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



105, 181, 201



219, 247, 255



105, 201, 129



106, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



105, 181, 201



110, 225, 255



105, 160, 201



90, 97, 99



0, 129, 163



0, 29, 36

Inverse Universe

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



201, 105, 176



255, 110, 217



201, 105, 129



99, 90, 97



163, 0, 120



36, 0, 26

Previews

White Background



This preview shows how the RYB color 105, 181, 201 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, 181, 201 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, 181, 201 Background



This preview shows how black text looks on a background with the RYB color 105, 181, 201.

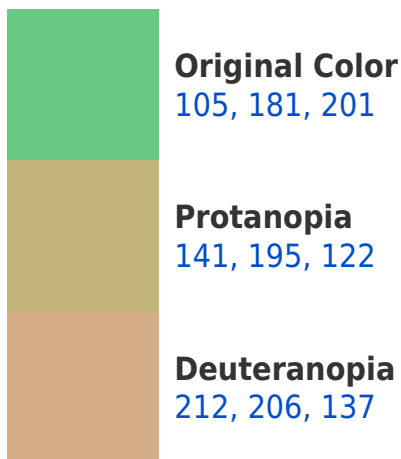


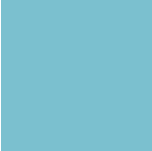
This preview shows how white text looks on a background with the RYB color 105, 181, 201.

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
123, 161, 207

Trichromacy



Original Color

105, 181, 201



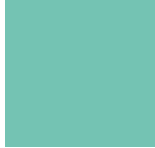
Protanomaly

125, 188, 151



Deuteranomaly

135, 183, 145



Tritanomaly

116, 160, 195

Monochromacy



Original Color

105, 181, 201



Achromatopsia

164, 164, 164



Achromatomaly

143, 170, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 181, 201 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(105, 201, 130)` looks like.

```
.text, #text, p{  
    color:rgb(105, 201, 130)  
}
```

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(105, 201, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 201, 130) }
```

Border

The CSS property to change the border of an element to RYB 105, 181, 201 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(105, 201, 130) }
```

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

```
.border{ border-color:rgb(105, 201, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 201, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 201, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 201, 130);  
box-shadow:4px 4px 4px 4px rgb(105, 201,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 105, 181, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 201, 130) }
```

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

```
.background{ background-color: rgb(105,  
201, 130) }
```

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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