

Converting Colors

`RYB(105, 252, 239)`

Have a look what the booklet for
RYB(105, 252, 239) contains.

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Color

RYB(105, 252, 239)

Conversions

Conversions Part 1

Format	Color
Hex	76FC69
RGB	118, 252, 105
RGB Percent	46%, 99%, 41%
CMY	0.5373, 0.0118, 0.5882
CMYK	0.53, 0.00, 0.58, 0.01
HSL	115°, 96%, 70%
HSV	115°, 58%, 99%
XYZ	44.8314, 74.4923, 25.3802
YIQ	195.1760, -32.6770, -74.1250

Conversions

Conversions Part 2

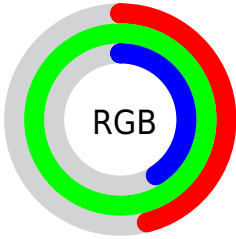
Format	Color
RYB	105, 252, 239
Decimal	7797865
CIELab	89.15, -64.04, 58.22
CIELCh	89, 86.547, 137.729
Yxy	74.4923, 0.3098, 0.5148
Android (android.graphics.Color)	4285987945 (0xFF76FC69)
YUV	195.1760, -44.4568, -67.6834
Hunter-Lab	86.3089, -58.3224, 42.9813

Details

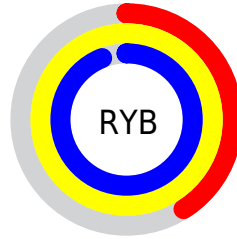
The RYB color **105, 252, 239** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **239, 105, 252**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **160, 255, 236**, and **49, 194, 194** is the 20% darker color. If you saturate the color by 10%, you get **80, 252, 237**, and if you desaturate by 10%, it is **130, 252, 241**.

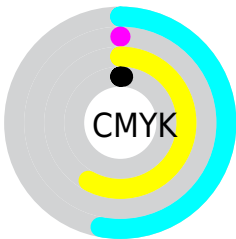
Distribution



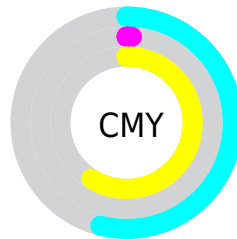
- Red (46%)
- Green (99%)
- Blue (41%)



- Red (41%)
- Yellow (99%)
- Blue (94%)



- Cyan (53%)
- Magenta (0%)
- Yellow (58%)
- Black (1%)



- Cyan (54%)
- Magenta (1%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 252, 239 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, 252, 239 by changing the saturation by 10% instead.

 105, 252, 239

255, 255, 255

 160, 255, 236


 188, 255, 233

 217, 255, 232

 246, 255, 246


 105, 252, 239


 78, 223, 215

 49, 194, 194


 0, 153, 166

 0, 139, 139

 0, 112, 112

 0, 87, 87

 0, 62, 62

 0, 38, 38

 0, 0, 0

■ 105, 252, 239

■ 105, 252, 239

■ 80, 252, 237

■ 130, 252, 241

■ 55, 252, 235

■ 155, 252, 243

■ 29, 252, 232

■ 181, 252, 246

■ 4, 252, 230

■ 206, 252, 248

■ 0, 252, 230

■ 231, 252, 250

■ 255, 252, 255

Harmonies

Analogous

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



39, 235, 55



105, 252, 239



0, 147, 255

Triad

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



105, 252, 239



0, 124, 255



255, 146, 179

Complementary

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



105, 252, 239



239, 105, 252

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, 148, 255



105, 252, 239



155, 193, 255

Square

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



105, 252, 239



0, 128, 255



255, 180, 255



255, 236, 103

Rectangle

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



105, 252, 239



0, 130, 255



255, 180, 255



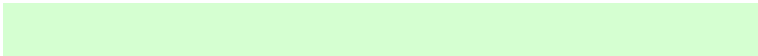
255, 142, 206

Sweetspot

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



105, 252, 239



209, 255, 251



122, 252, 105



99, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



105, 252, 239



77, 255, 240



105, 210, 252



112, 125, 123



0, 189, 172



0, 61, 56

Inverse Universe

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



239, 105, 252



239, 77, 255



252, 105, 193



124, 112, 125



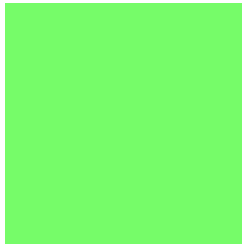
172, 0, 189



56, 0, 61

Previews

White Background



This preview shows how the RYB color 105, 252, 239 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, 252, 239 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, 252, 239 Background



This preview shows how black text looks on a background with the RYB color 105, 252, 239.

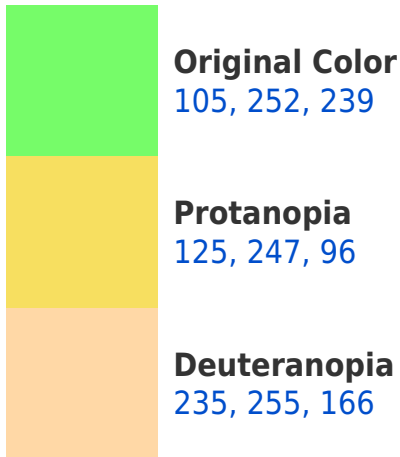


This preview shows how white text looks on a background with the RYB color 105, 252, 239.

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





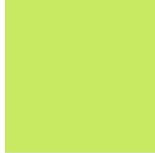
Tritanopia
152, 198, 255

Trichromacy



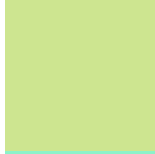
Original Color

105, 252, 239



Protanomaly

99, 234, 133



Deuteranomaly

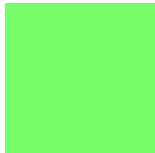
144, 229, 168



Tritanomaly

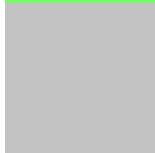
140, 204, 242

Monochromacy



Original Color

105, 252, 239



Achromatopsia

195, 195, 195



Achromatomaly

162, 216, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 252, 239 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(118, 252, 105)` looks like.

```
.text, #text, p{  
    color:rgb(118, 252, 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(118, 252, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 252, 105) }
```

Border

The CSS property to change the border of an element to RYB 105, 252, 239 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(118, 252, 105) }
```

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

```
.border{ border-color:rgb(118, 252, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 252, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 252, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 252, 105);  
box-shadow:4px 4px 4px 4px rgb(118, 252,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 105, 252, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 252, 105) }
```

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

```
.background{ background-color: rgb(118,  
252, 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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