

Converting Colors

`RYB(105, 219, 82)`

Have a look what the booklet for
RYB(105, 219, 82) contains.

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Color

$\text{RYB}(105, 219, 82)$

Conversions

Conversions Part 1

Format	Color
Hex	DBC752
RGB	219, 199, 82
RGB Percent	86%, 78%, 32%
CMY	0.1412, 0.2184, 0.6784
CMYK	0.00, 0.09, 0.63, 0.14
HSL	51°, 66%, 59%
HSV	51°, 63%, 86%
XYZ	51.2304, 56.6572, 16.2184
YIQ	191.6420, 49.4770, -32.1470

Conversions

Conversions Part 2

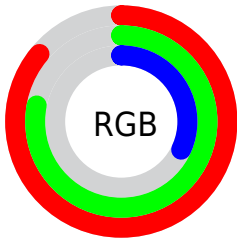
Format	Color
RYB	105, 219, 82
Decimal	14403410
CIELab	79.99, -6.82, 59.48
CIELCh	80, 59.866, 96.544
Yxy	56.6572, 0.4128, 0.4565
Android (android.graphics.Color)	4292593490 (0xFFDBC752)
YUV	191.6420, -54.0535, 23.9930
Hunter-Lab	75.2710, -10.2348, 39.9146

Details

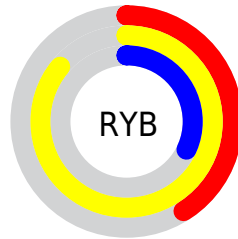
The RYB color **105, 219, 82** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **82, 99, 219**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **136, 255, 136**, and **42, 161, 24** is the 20% darker color. If you saturate the color by 10%, you get **87, 219, 60**, and if you desaturate by 10%, it is **124, 219, 104**.

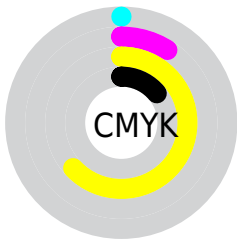
Distribution



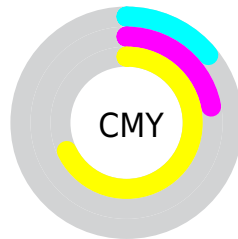
- Red (86%)
- Green (78%)
- Blue (32%)



- Red (41%)
- Yellow (86%)
- Blue (32%)



- Cyan (0%)
- Magenta (9%)
- Yellow (63%)
- Black (14%)




- Cyan (14%)
- Magenta (22%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 219, 82 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, 219, 82 by changing the saturation by 10% instead.

 105, 219, 82  105, 219, 82


255, 255, 255  76, 190, 55

 136, 255, 136  41, 161, 24

 163, 255, 163  14, 133, 0

 192, 255, 192  10, 105, 0

 220, 255, 220  7, 78, 0

 249, 255, 249  2, 52, 0

 0, 29, 1

 0, 0, 0

 105, 219, 82  105, 219, 82

87, 219, 60

124, 219, 104

68, 219, 38

141, 219, 126

50, 219, 16

160, 219, 148

36, 219, 0

178, 219, 170

197, 219, 192

214, 219, 213

219, 221, 235

219, 223, 255

219, 226, 255

Harmonies

Analogous

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



240, 255, 95



105, 219, 82



105, 214, 159

Triad

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



105, 219, 82



0, 119, 255



255, 158, 244

Complementary

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



105, 219, 82



82, 99, 219

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.



218, 179, 255



105, 219, 82



0, 117, 255

Square

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



105, 219, 82



0, 117, 226



120, 170, 255



255, 150, 188

Rectangle

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



105, 219, 82



111, 202, 221



120, 170, 255



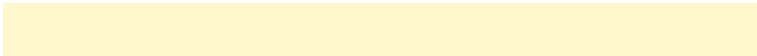
255, 164, 255

Sweetspot

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



105, 219, 82



215, 255, 207



219, 82, 103



104, 128, 98



0, 0, 0



128, 128, 128

Same Dimension

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



105, 219, 82



95, 255, 64



82, 219, 130



101, 110, 99



29, 173, 0



8, 46, 0

Inverse Universe

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



82, 99, 219



64, 88, 255



130, 82, 219



99, 100, 110



0, 22, 173



0, 6, 46

Previews

White Background



This preview shows how the RYB color 105, 219, 82 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, 219, 82 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](#).

R Y B 105, 219, 82 Background



This preview shows how black text looks on a background with the RYB color 105, 219, 82.



This preview shows how white text looks on a background with the RYB color 105, 219, 82.

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



Original Color


105, 219, 82

Protanopia

108, 221, 82

Deuteranopia

173, 246, 85



Tritanopia
229, 187, 202

Trichromacy



Original Color

105, 219, 82

Protanomaly

107, 220, 82

Deuteranomaly

144, 236, 84

Tritanomaly

225, 223, 158

Monochromacy



Original Color

105, 219, 82

Achromatopsia

192, 192, 192

Achromatomaly

160, 202, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 219, 82 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(219, 199, 82)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 82)  
}
```

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(219, 199, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 82) }
```

Border

The CSS property to change the border of an element to RYB 105, 219, 82 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(219, 199, 82) }
```

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

```
.border{ border-color:rgb(219, 199, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 199, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 199, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 199, 82);  
box-shadow:4px 4px 4px 4px rgb(219, 199,  
82) }
```

Background

The CSS property to change the background color of an element to RGB 105, 219, 82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 82) }
```

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

```
.background{ background-color: rgb(219,  
199, 82) }
```

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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