

Converting Colors

`RYB(104, 219, 108)`

Have a look what the booklet for
RYB(104, 219, 108) contains.

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Color

R_YB(104, 219, 108)

Conversions

Conversions Part 1

Format	Color
Hex	D7DB68
RGB	215, 219, 104
RGB Percent	84%, 86%, 41%
CMY	0.1569, 0.1412, 0.5922
CMYK	0.02, 0.00, 0.53, 0.14
HSL	62°, 61%, 63%
HSV	62°, 53%, 86%
XYZ	55.8545, 66.1096, 22.9133
YIQ	204.6940, 34.5310, -36.6130

Conversions

Conversions Part 2

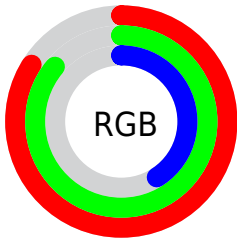
Format	Color
RYB	104, 219, 108
Decimal	14146408
CIELab	85.05, -16.77, 55.27
CIELCh	85, 57.754, 106.877
Yxy	66.1096, 0.3855, 0.4563
Android (android.graphics.Color)	4292336488 (0xFFD7DB68)
YUV	204.6940, -49.6421, 9.0384
Hunter-Lab	81.3078, -19.6678, 40.2070

Details

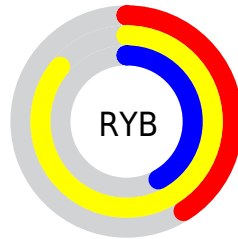
The RYB color **104, 219, 108** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **108, 104, 219**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **158, 255, 158**, and **51, 164, 57** is the 20% darker color. If you saturate the color by 10%, you get **82, 219, 87**, and if you desaturate by 10%, it is **126, 219, 129**.

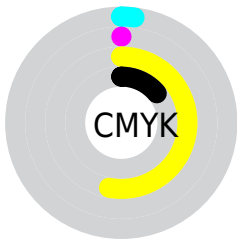
Distribution



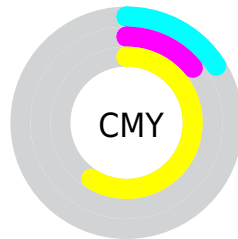
- Red (84%)
- Green (86%)
- Blue (41%)



- Red (41%)
- Yellow (86%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (53%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the RYB color 104, 219, 108 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 104, 219, 108 by changing the saturation by 10% instead.


 104, 219, 108

 104, 219, 108


255, 255, 255

 78, 191, 83


 158, 255, 158

 51, 164, 57


 186, 255, 186


 20, 138, 28

 214, 255, 214

 0, 113, 10

 243, 255, 243

 0, 88, 11

 0, 65, 14

 0, 43, 17

 0, 24, 24

 0, 0, 0

■ 104, 219, 108

■ 104, 219, 108

■ 82, 219, 87

■ 126, 219, 129

■ 60, 219, 66

■ 148, 219, 150

■ 38, 219, 44

■ 170, 219, 172

■ 16, 219, 23

■ 192, 219, 193

■ 0, 219, 8

■ 213, 219, 213

■ 220, 219, 235

■ 220, 219, 255

■ 221, 219, 255

■ 222, 219, 255

Harmonies

Analogous

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



188, 255, 104



104, 219, 108



135, 232, 214

Triad

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



104, 219, 108



0, 123, 255



255, 170, 239

Complementary

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



104, 219, 108



108, 104, 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.



255, 186, 255



104, 219, 108



27, 133, 255

Square

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



104, 219, 108



0, 120, 242



178, 199, 255



255, 168, 184

Rectangle

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



104, 219, 108



99, 191, 237



178, 199, 255



255, 174, 255

Sweetspot

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



104, 219, 108



214, 255, 215



219, 108, 104



103, 128, 104



0, 0, 0



128, 128, 128

Same Dimension

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



104, 219, 108



94, 255, 100



104, 219, 165



99, 110, 100



0, 173, 6



0, 46, 2

Inverse Universe

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



108, 104, 219



100, 94, 255



165, 104, 219



99, 99, 110



6, 0, 173



2, 0, 46

Previews

White Background



This preview shows how the RYB color 104, 219, 108 looks on a white background.

Color Contrast Check

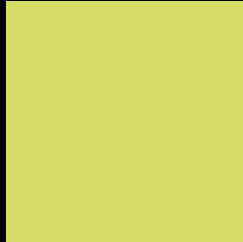
Large Text (above 18pt) WCAG AA × Fail

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 104, 219, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

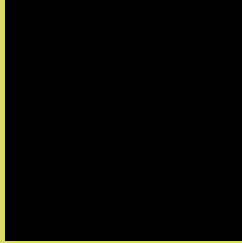
Any Text WCAG AA ✓ Pass

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 104, 219, 108 Background



This preview shows how black text looks on a background with the RYB color 104, 219, 108.

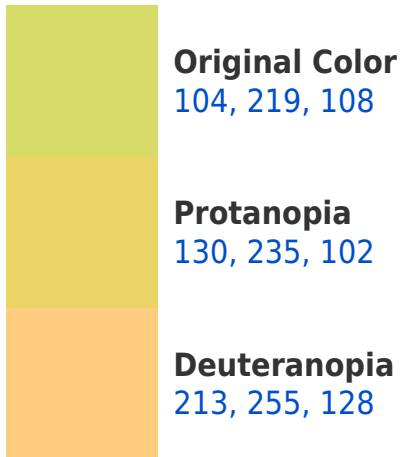


This preview shows how white text looks on a background with the RYB color 104, 219, 108.

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](#).

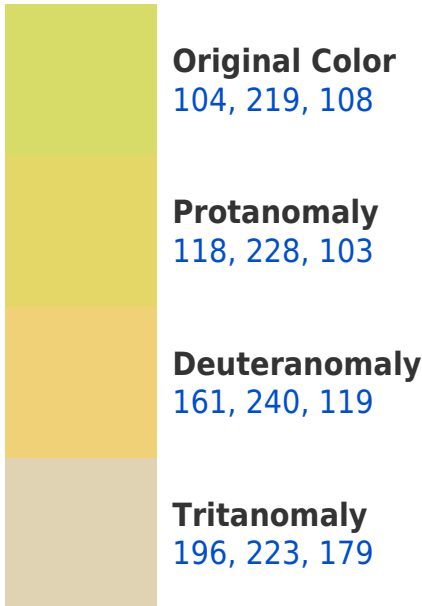
Dichromacy



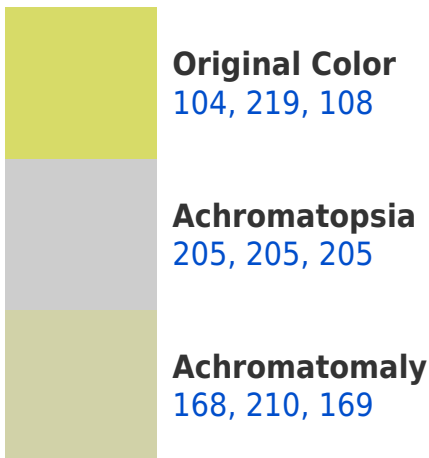


Tritanopia
227, 206, 222

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 104, 219, 108 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(215, 219, 104)` looks like.

```
.text, #text, p{  
    color:rgb(215, 219, 104)  
}
```

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(215, 219, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 219, 104) }
```

Border

The CSS property to change the border of an element to RYB 104, 219, 108 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(215, 219, 104) }
```

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

```
.border{ border-color:rgb(215, 219, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 219, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 219, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 219, 104);  
box-shadow:4px 4px 4px 4px rgb(215, 219,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 104, 219, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 219, 104) }
```

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

```
.background{ background-color: rgb(215,  
219, 104) }
```

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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