

Converting Colors

`RYB(104, 208, 106)`

Have a look what the booklet for
RYB(104, 208, 106) contains.

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Color

R_YB(104, 208, 106)

Conversions

Conversions Part 1

Format	Color
Hex	CED068
RGB	206, 208, 104
RGB Percent	81%, 82%, 41%
CMY	0.1922, 0.1843, 0.5922
CMYK	0.01, 0.00, 0.50, 0.18
HSL	61°, 53%, 61%
HSV	61°, 50%, 82%
XYZ	50.5082, 59.2330, 21.8678
YIQ	195.5460, 32.1920, -32.7680

Conversions

Conversions Part 2

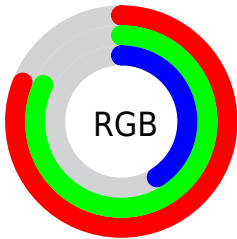
Format	Color
RYB	104, 208, 106
Decimal	13553768
CIELab	81.42, -14.92, 50.84
CIElCh	81, 52.986, 106.357
Yxy	59.2330, 0.3838, 0.4501
Android (android.graphics.Color)	4291743848 (0xFFCED068)
YUV	195.5460, -45.1322, 9.1682
Hunter-Lab	76.9630, -17.5419, 37.0278

Details

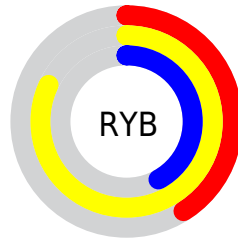
The RYB color **104, 208, 106** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **106, 104, 208**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **158, 255, 158**, and **52, 154, 56** is the 20% darker color. If you saturate the color by 10%, you get **83, 208, 85**, and if you desaturate by 10%, it is **125, 208, 127**.

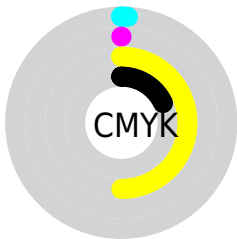
Distribution



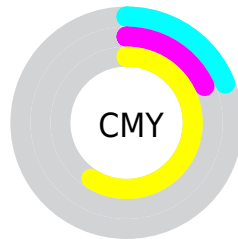
- Red (81%)
- Green (82%)
- Blue (41%)



- Red (41%)
- Yellow (82%)
- Blue (42%)



- Cyan (1%)
- Magenta (0%)
- Yellow (50%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 104, 208, 106 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, 208, 106 by changing the saturation by 10% instead.

 104, 208, 106

255, 255, 255


 158, 255, 158


 185, 255, 185

 214, 255, 214

 242, 255, 242

 104, 208, 106

 78, 181, 82

 52, 154, 56


 24, 128, 30

 0, 103, 7

 0, 79, 9

 0, 56, 12

 0, 35, 15

 0, 10, 10

 0, 0, 0

104, 208, 106

104, 208, 106

83, 208, 85

125, 208, 127

62, 208, 65

146, 208, 147

42, 208, 45

166, 208, 167

21, 208, 25

187, 208, 187

0, 208, 4

208, 208, 208

208, 208, 229

209, 208, 250

209, 208, 255

210, 208, 255

Harmonies

Analogous

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



206, 252, 105



104, 208, 106



132, 220, 202

Triad

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



104, 208, 106



0, 119, 255



255, 164, 227

Complementary

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



104, 208, 106



106, 104, 208

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.



241, 179, 255



104, 208, 106



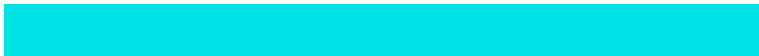
55, 144, 255

Square

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



104, 208, 106



0, 114, 229



170, 191, 255



255, 162, 177

Rectangle

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



104, 208, 106



104, 186, 225



170, 191, 255



255, 168, 243

Sweetspot

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



104, 208, 106



217, 255, 218



208, 106, 104



105, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



104, 208, 106



102, 255, 105



104, 208, 158



94, 105, 95



0, 168, 3



0, 41, 1

Inverse Universe

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



106, 104, 208



105, 102, 255



158, 104, 208



94, 94, 105



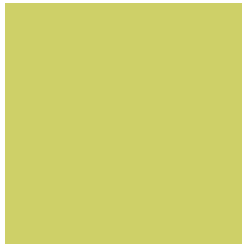
3, 0, 168



1, 0, 41

Previews

White Background



This preview shows how the RYB color 104, 208, 106 looks on a white background.

Color Contrast Check

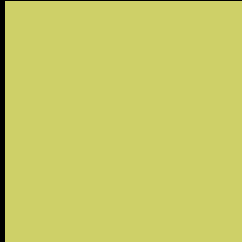
Large Text (above 18pt) WCAG AA × Fail

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, 208, 106 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 104, 208, 106 Background



This preview shows how black text looks on a background with the RYB color 104, 208, 106.




This preview shows how white text looks on a background with the RYB color 104, 208, 106.

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
217, 196, 212

Trichromacy



Original Color
104, 208, 106

Protanomaly
118, 217, 103

Deuteranomaly
155, 233, 107

Tritanomaly
192, 213, 173

Monochromacy



Original Color
104, 208, 106

Achromatopsia
196, 196, 196

Achromatomaly
163, 200, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 104, 208, 106 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(206, 208, 104)` looks like.

```
.text, #text, p{  
    color:rgb(206, 208, 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(206, 208, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 208, 104) }
```

Border

The CSS property to change the border of an element to RYB 104, 208, 106 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(206, 208, 104) }
```

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

```
.border{ border-color:rgb(206, 208, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 208, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 208, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 208, 104);  
box-shadow:4px 4px 4px 4px rgb(206, 208,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 104, 208, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 208, 104) }
```

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

```
.background{ background-color: rgb(206,  
208, 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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