

Converting Colors

`RYB(169, 230, 104)`

Have a look what the booklet for
RYB(169, 230, 104) contains.

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Color

R_YB(169, 230, 104)

Conversions

Conversions Part 1

Format	Color
Hex	E6BB68
RGB	230, 187, 104
RGB Percent	90%, 73%, 41%
CMY	0.0980, 0.2662, 0.5922
CMYK	0.00, 0.19, 0.55, 0.10
HSL	40°, 72%, 65%
HSV	40°, 55%, 90%
XYZ	52.9277, 53.4142, 20.6171
YIQ	190.3950, 52.2710, -16.6970

Conversions

Conversions Part 2

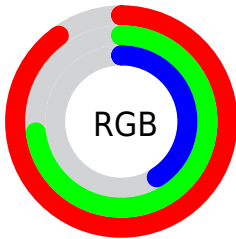
Format	Color
RYB	169, 230, 104
Decimal	15121256
CIELab	78.12, 5.67, 47.43
CIELCh	78, 47.765, 83.181
Yxy	53.4142, 0.4169, 0.4207
Android (android.graphics.Color)	4293311336 (0xFFE6BB68)
YUV	190.3950, -42.5927, 34.7336
Hunter-Lab	73.0850, 1.3697, 34.4340

Details

The RYB color **169, 230, 104** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **104, 136, 230**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **171, 255, 157**, and **109, 172, 53** is the 20% darker color. If you saturate the color by 10%, you get **159, 230, 81**, and if you desaturate by 10%, it is **180, 230, 127**.

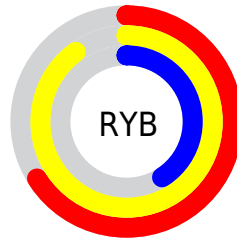
Distribution



Red (90%)

Green (73%)

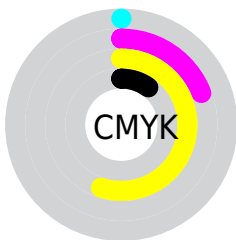
Blue (41%)



Red (66%)

Yellow (90%)

Blue (41%)

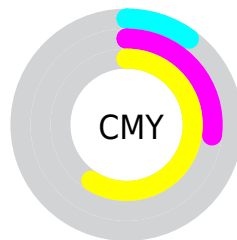


Cyan (0%)

Magenta (19%)

Yellow (55%)

Black (10%)



Cyan (10%)

Magenta (27%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the RYB color 169, 230, 104 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 169, 230, 104 by changing the saturation by 10% instead.

 169, 230, 104

 169, 230, 104

255, 255, 255

 140, 201, 78

 171, 255, 157

 109, 172, 53

 184, 255, 184

 75, 143, 27


 213, 255, 213

 42, 116, 0

 241, 255, 241

 39, 89, 0

 34, 62, 0

 31, 37, 0

 0, 0, 0

 169, 230, 104

 169, 230, 104

159, 230, 81

180, 230, 127

148, 230, 58

191, 230, 150

135, 230, 35

202, 230, 173

124, 230, 12

215, 230, 196

118, 230, 0

225, 230, 219

230, 233, 242

230, 238, 255

230, 241, 255

230, 243, 255

Harmonies

Analogous

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



255, 197, 124



169, 230, 104



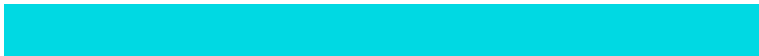
109, 201, 124

Triad

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



169, 230, 104



0, 111, 227



239, 169, 247

Complementary

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



169, 230, 104



104, 136, 230

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.



182, 185, 255



169, 230, 104



0, 115, 255

Square

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



169, 230, 104



64, 150, 216



101, 162, 255



255, 158, 205

Rectangle

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



169, 230, 104



127, 208, 182



101, 162, 255



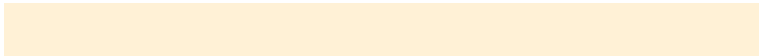
223, 174, 255

Sweetspot

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



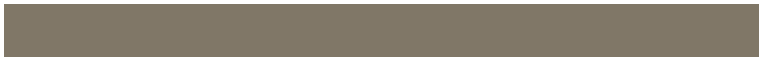
169, 230, 104



235, 255, 214



230, 104, 148



117, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



169, 230, 104



173, 255, 87



104, 230, 123



109, 115, 103



93, 179, 0



26, 51, 0

Inverse Universe

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



104, 136, 230



87, 130, 255



123, 104, 230



103, 106, 115



0, 45, 179



0, 13, 51

Previews

White Background



This preview shows how the RYB color 169, 230, 104 looks on a white background.

Color Contrast Check

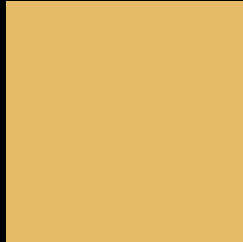
Large Text (above 18pt) WCAG AA × Fail

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 169, 230, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

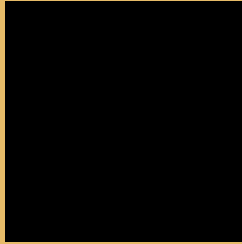
Any Text WCAG AA ✓ Pass

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 169, 230, 104 Background



This preview shows how black text looks on a background with the RYB color 169, 230, 104.



This preview shows how white text looks on a background with the RYB color 169, 230, 104.

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
169, 230, 104

Protanopia
129, 213, 106

Deuteranopia
194, 237, 105



Tritanopia
238, 177, 191

Trichromacy



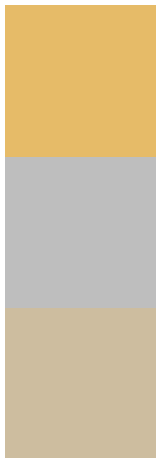
Original Color
169, 230, 104

Protanomaly
142, 219, 105

Deuteranomaly
184, 234, 105

Tritanomaly
235, 190, 159

Monochromacy



Original Color
169, 230, 104

Achromatopsia
190, 190, 190

Achromatomaly
184, 205, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 230, 104 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(230, 187, 104)` looks like.

```
.text, #text, p{  
    color:rgb(230, 187, 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(230, 187, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 187, 104) }
```

Border

The CSS property to change the border of an element to RYB 169, 230, 104 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(230, 187, 104) }
```

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

```
.border{ border-color:rgb(230, 187, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 187, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 187, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 187, 104);  
box-shadow:4px 4px 4px 4px rgb(230, 187,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 169, 230, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 187, 104) }
```

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

```
.background{ background-color: rgb(230,  
187, 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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