

Converting Colors

`RYB(125, 222, 104)`

Have a look what the booklet for
RYB(125, 222, 104) contains.

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Color

R_YB(125, 222, 104)

Conversions

Conversions Part 1

Format	Color
Hex	DECC68
RGB	222, 204, 104
RGB Percent	87%, 80%, 41%
CMY	0.1294, 0.1993, 0.5922
CMYK	0.00, 0.08, 0.53, 0.13
HSL	51°, 64%, 64%
HSV	51°, 53%, 87%
XYZ	54.2568, 59.7969, 21.7790
YIQ	197.9820, 42.8280, -27.2840

Conversions

Conversions Part 2

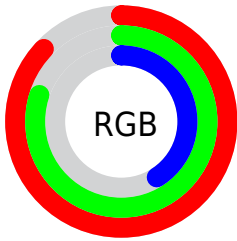
Format	Color
RYB	125, 222, 104
Decimal	14601320
CIELab	81.73, -6.47, 51.53
CIElCh	82, 51.935, 97.155
Yxy	59.7969, 0.3994, 0.4402
Android (android.graphics.Color)	4292791400 (0xFFDECC68)
YUV	197.9820, -46.3331, 21.0638
Hunter-Lab	77.3285, -10.0819, 37.4313

Details

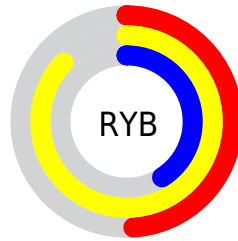
The RYB color **125, 222, 104** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **104, 120, 222**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **158, 255, 158**, and **68, 164, 52** is the 20% darker color. If you saturate the color by 10%, you get **107, 222, 82**, and if you desaturate by 10%, it is **142, 222, 126**.

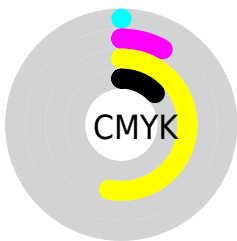
Distribution



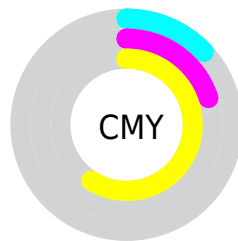
- Red (87%)
- Green (80%)
- Blue (41%)



- Red (49%)
- Yellow (87%)
- Blue (41%)



- Cyan (0%)
- Magenta (8%)
- Yellow (53%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 222, 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 125, 222, 104 by changing the saturation by 10% instead.

 125, 222, 104

255, 255, 255


 158, 255, 158

 185, 255, 185

 214, 255, 214

 242, 255, 242

 125, 222, 104

 97, 193, 78

 68, 164, 52


 37, 137, 24

 10, 109, 0

 8, 83, 0

 3, 57, 0

 0, 33, 1

 0, 11, 11

 0, 0, 0

■ 125, 222, 104

■ 125, 222, 104

■ 107, 222, 82

■ 142, 222, 126

■ 90, 222, 60

■ 161, 222, 148

■ 70, 222, 37

■ 180, 222, 171

■ 51, 222, 15

■ 198, 222, 193

■ 40, 222, 0

■ 216, 222, 215

■ 222, 224, 237

■ 222, 227, 255

■ 222, 229, 255

■ 222, 231, 255

Harmonies

Analogous

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



245, 255, 114



125, 222, 104



123, 217, 170

Triad

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



125, 222, 104



0, 120, 255



255, 169, 242

Complementary

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



125, 222, 104



104, 120, 222

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.



223, 186, 255



125, 222, 104



0, 118, 255

Square

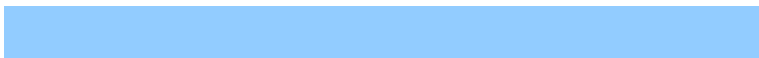
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



125, 222, 104



0, 118, 228



146, 184, 255



255, 163, 193

Rectangle

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



125, 222, 104



129, 207, 223



146, 184, 255



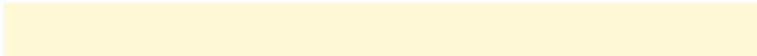
255, 174, 255

Sweetspot

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



125, 222, 104



221, 255, 214



222, 104, 124



108, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



125, 222, 104



122, 255, 92



104, 222, 143



102, 112, 101



32, 176, 0



8, 48, 0

Inverse Universe

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



104, 120, 222



92, 113, 255



143, 104, 222



101, 103, 112



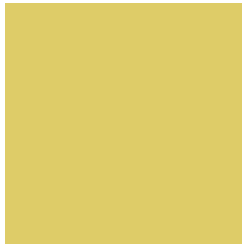
0, 23, 176



0, 6, 48

Previews

White Background



This preview shows how the RYB color 125, 222, 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 125, 222, 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 125, 222, 104 Background



This preview shows how black text looks on a background with the RYB color 125, 222, 104.



This preview shows how white text looks on a background with the RYB color 125, 222, 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
125, 222, 104

Protanopia
129, 224, 104

Deuteranopia
197, 249, 107



Tritanopia
232, 193, 208

Trichromacy



Original Color
125, 222, 104

Protanomaly
128, 223, 104

Deuteranomaly
165, 239, 106

Tritanomaly
228, 221, 170

Monochromacy



Original Color
125, 222, 104

Achromatopsia
198, 198, 198

Achromatomaly
172, 207, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 222, 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(222, 204, 104)` looks like.

```
.text, #text, p{  
    color:rgb(222, 204, 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(222, 204, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 204, 104) }
```

Border

The CSS property to change the border of an element to RYB 125, 222, 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(222, 204, 104) }
```

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

```
.border{ border-color:rgb(222, 204, 104) }
```

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

Here you see how a box with a 4 pixel rgb(222, 204, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 204, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 204, 104);  
box-shadow:4px 4px 4px 4px rgb(222, 204,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 125, 222, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 204, 104) }
```

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

```
.background{ background-color: rgb(222,  
204, 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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