

Converting Colors

`RYB(134, 214, 132)`

Have a look what the booklet for
RYB(134, 214, 132) contains.

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Color

R_YB(134, 214, 132)

Conversions

Conversions Part 1

Format	Color
Hex	D6D484
RGB	214, 212, 132
RGB Percent	84%, 83%, 52%
CMY	0.1608, 0.1684, 0.4824
CMYK	0.00, 0.01, 0.38, 0.16
HSL	59°, 50%, 68%
HSV	59°, 38%, 84%
XYZ	55.4518, 63.0729, 31.0815
YIQ	203.4780, 26.8720, -24.4560

Conversions

Conversions Part 2

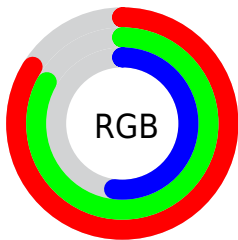
Format	Color
RYB	134, 214, 132
Decimal	14079108
CIELab	83.48, -11.00, 39.83
CIELCh	83, 41.323, 105.441
Yxy	63.0729, 0.3707, 0.4216
Android (android.graphics.Color)	4292269188 (0xFFD6D484)
YUV	203.4780, -35.2387, 9.2278
Hunter-Lab	79.4184, -14.3494, 32.3890

Details

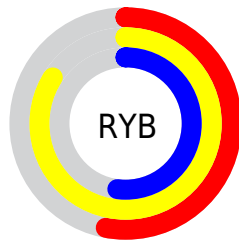
The RYB color **134, 214, 132** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **132, 134, 214**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **186, 255, 186**, and **81, 158, 81** is the 20% darker color. If you saturate the color by 10%, you get **113, 214, 111**, and if you desaturate by 10%, it is **154, 214, 153**.

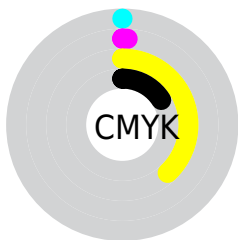
Distribution



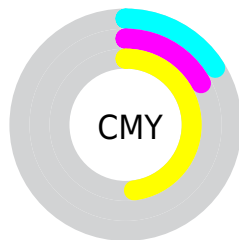
- Red (84%)
- Green (83%)
- Blue (52%)



- Red (53%)
- Yellow (84%)
- Blue (52%)



- Cyan (0%)
- Magenta (1%)
- Yellow (38%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 214, 132 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 134, 214, 132 by changing the saturation by 10% instead.

 134, 214, 132


255, 255, 255


 186, 255, 186

 214, 255, 214


 243, 255, 243

 134, 214, 132

 108, 186, 106

 81, 158, 81


 56, 132, 57

 32, 106, 33

 4, 82, 7

 0, 59, 4

 0, 38, 8

 0, 19, 19

 0, 0, 0

 134, 214, 132

 134, 214, 132

 113, 214, 111

 154, 214, 153

 92, 214, 89

 176, 214, 175

 71, 214, 68

 196, 214, 196

 50, 214, 46

 214, 214, 218

 30, 214, 25

 214, 215, 239

 9, 214, 4

 214, 215, 255

 5, 214, 0

 214, 216, 255

 214, 217, 255

Harmonies

Analogous

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



226, 251, 133



134, 214, 132



152, 222, 204

Triad

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



134, 214, 132



66, 153, 255



255, 180, 229

Complementary

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



134, 214, 132



132, 134, 214

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.



238, 191, 255



134, 214, 132



122, 177, 255

Square

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



134, 214, 132



74, 152, 229



185, 201, 255



255, 179, 189

Rectangle

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



134, 214, 132



139, 201, 226



185, 201, 255



255, 183, 241

Sweetspot

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



134, 214, 132



228, 255, 227



214, 132, 135



112, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



134, 214, 132



141, 255, 138



132, 214, 170



96, 107, 96



4, 171, 0



1, 43, 0

Inverse Universe

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



132, 134, 214



138, 140, 255



170, 132, 214



96, 97, 107



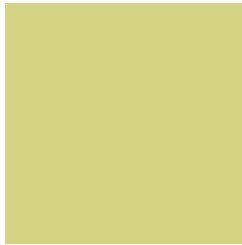
0, 4, 171



0, 1, 43

Previews

White Background



This preview shows how the RYB color 134, 214, 132 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 134, 214, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

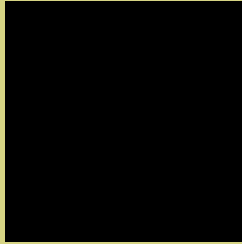
Any Text WCAG AA ✓ Pass

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 134, 214, 132 Background



This preview shows how black text looks on a background with the RYB color 134, 214, 132.



This preview shows how white text looks on a background with the RYB color 134, 214, 132.

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
134, 214, 132

Protanopia
154, 227, 130

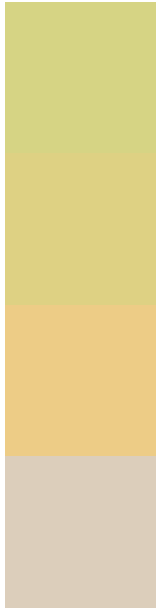
Deuteranopia
227, 250, 135



Tritanopia

224, 202, 218

Trichromacy



Original Color
134, 214, 132

Protanomaly
146, 222, 131

Deuteranomaly
183, 237, 134

Tritanomaly
211, 220, 187

Monochromacy



Original Color
134, 214, 132

Achromatopsia
204, 204, 204

Achromatomaly
179, 208, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 214, 132 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(214, 212, 132)` looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 132)  
}
```

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(214, 212, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 132) }
```

Border

The CSS property to change the border of an element to RYB 134, 214, 132 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(214, 212, 132) }
```

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

```
.border{ border-color:rgb(214, 212, 132) }
```

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

Here you see how a box with a 4 pixel rgb(214, 212, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 132);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 134, 214, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 212, 132) }
```

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

```
.background{ background-color: rgb(214,  
212, 132) }
```

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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