

Converting Colors

`RYB(174, 241, 122)`

Have a look what the booklet for
RYB(174, 241, 122) contains.

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Color

R_YB(174, 241, 122)

Conversions

Conversions Part 1

Format	Color
Hex	F1CD7A
RGB	241, 205, 122
RGB Percent	95%, 80%, 48%
CMY	0.0549, 0.1968, 0.5216
CMYK	0.00, 0.15, 0.49, 0.05
HSL	42°, 81%, 71%
HSV	42°, 49%, 95%
XYZ	61.5751, 63.6791, 27.4583
YIQ	206.3020, 48.0990, -18.1810

Conversions

Conversions Part 2

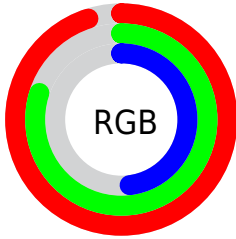
Format	Color
RYB	174, 241, 122
Decimal	15846778
CIELab	83.80, 2.47, 45.71
CIELCh	84, 45.776, 86.903
Yxy	63.6791, 0.4032, 0.4170
Android (android.graphics.Color)	4294036858 (0xFFF1CD7A)
YUV	206.3020, -41.5609, 30.4301
Hunter-Lab	79.7992, -1.9134, 35.4582

Details

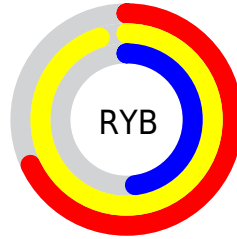
The RYB color **174, 241, 122** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **122, 150, 241**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **176, 255, 176**, and **116, 183, 71** is the 20% darker color. If you saturate the color by 10%, you get **162, 241, 98**, and if you desaturate by 10%, it is **188, 241, 146**.

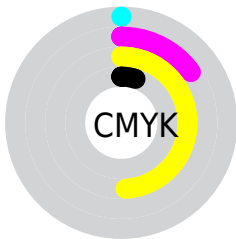
Distribution



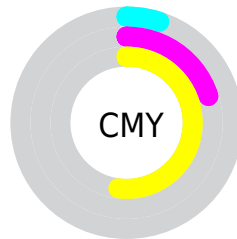
- Red (95%)
- Green (80%)
- Blue (48%)



- Red (68%)
- Yellow (95%)
- Blue (48%)



- Cyan (0%)
- Magenta (15%)
- Yellow (49%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 241, 122 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 174, 241, 122 by changing the saturation by 10% instead.

 174, 241, 122

255, 255, 255

 176, 255, 176


 204, 255, 204

 232, 255, 232

 174, 241, 122

 146, 212, 96

 116, 183, 71

 86, 154, 46

 55, 127, 19

 30, 100, 0

 27, 74, 0

 22, 48, 0

 23, 21, 0

 0, 0, 0

174, 241, 122

174, 241, 122

162, 241, 98

188, 241, 146

147, 241, 74

202, 241, 170

133, 241, 50

214, 241, 194

121, 241, 26

228, 241, 218

107, 241, 2

241, 241, 242

105, 241, 0

241, 246, 255

241, 248, 255

Harmonies

Analogous

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



255, 232, 138



174, 241, 122



130, 218, 151

Triad

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



174, 241, 122



0, 119, 246



255, 184, 255

Complementary

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



174, 241, 122



122, 150, 241

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.



207, 199, 255



174, 241, 122



47, 143, 255

Square

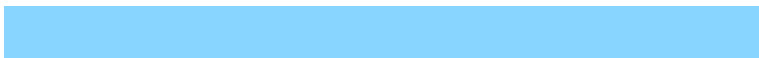
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



174, 241, 122



85, 167, 232



136, 183, 255



255, 175, 215

Rectangle

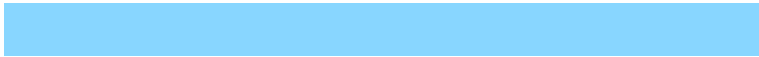
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



174, 241, 122



148, 225, 209



136, 183, 255



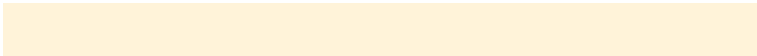
244, 189, 255

Sweetspot

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



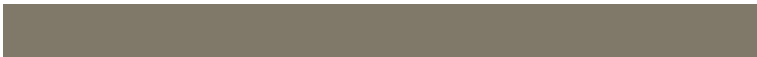
174, 241, 122



235, 255, 217



241, 122, 160



115, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



174, 241, 122



171, 255, 105



122, 241, 144



114, 120, 108



81, 184, 0



24, 56, 0

Inverse Universe

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



122, 150, 241



105, 140, 255



144, 122, 241



108, 111, 120



0, 43, 184



0, 13, 56

Previews

White Background



This preview shows how the RYB color 174, 241, 122 looks on a white background.

Color Contrast Check

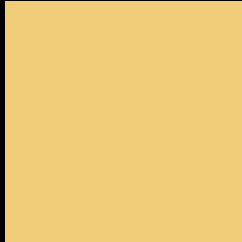
Large Text (above 18pt) WCAG AA × Fail

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 174, 241, 122 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 174, 241, 122 Background



This preview shows how black text looks on a background with the RYB color 174, 241, 122.



This preview shows how white text looks on a background with the RYB color 174, 241, 122.

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
174, 241, 122

Protanopia
149, 229, 124

Deuteranopia
215, 254, 123



Tritanopia
249, 194, 209

Trichromacy



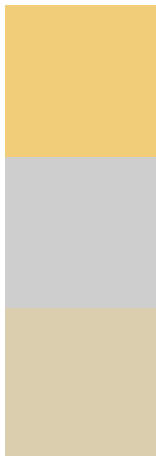
Original Color
174, 241, 122

Protanomaly
157, 233, 123

Deuteranomaly
198, 249, 123

Tritanomaly
246, 207, 177

Monochromacy



Original Color
174, 241, 122

Achromatopsia
206, 206, 206

Achromatomaly
193, 219, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 241, 122 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(241, 205, 122)` looks like.

```
.text, #text, p{  
    color:rgb(241, 205, 122)  
}
```

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(241, 205, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 205, 122) }
```

Border

The CSS property to change the border of an element to RYB 174, 241, 122 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(241, 205, 122) }
```

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

```
.border{ border-color:rgb(241, 205, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 205, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 205, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 205, 122);  
box-shadow:4px 4px 4px 4px rgb(241, 205,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 174, 241, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 205, 122) }
```

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

```
.background{ background-color: rgb(241,  
205, 122) }
```

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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