

Converting Colors

`RYB(171, 244, 124)`

Have a look what the booklet for
RYB(171, 244, 124) contains.

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Color

R_YB(171, 244, 124)

Conversions

Conversions Part 1

Format	Color
Hex	F4D27C
RGB	244, 210, 124
RGB Percent	96%, 82%, 49%
CMY	0.0431, 0.1756, 0.5137
CMYK	0.00, 0.14, 0.49, 0.04
HSL	43°, 85%, 72%
HSV	43°, 49%, 96%
XYZ	64.0491, 66.8940, 28.6049
YIQ	210.3620, 47.8700, -19.5380

Conversions

Conversions Part 2

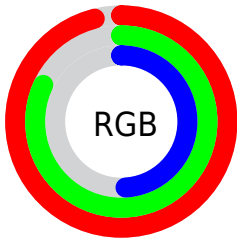
Format	Color
RYB	171, 244, 124
Decimal	16044668
CIELab	85.45, 1.07, 46.82
CIELCh	85, 46.834, 88.689
Yxy	66.8940, 0.4014, 0.4193
Android (android.graphics.Color)	4294234748 (0xFFFF4D27C)
YUV	210.3620, -42.5765, 29.5005
Hunter-Lab	81.7887, -3.3461, 36.5160

Details

The RYB color **171, 244, 124** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **124, 150, 244**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **178, 255, 178**, and **114, 186, 73** is the 20% darker color. If you saturate the color by 10%, you get **157, 244, 100**, and if you desaturate by 10%, it is **186, 244, 148**.

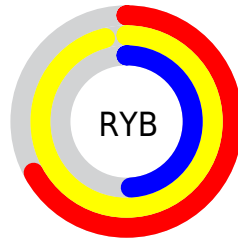
Distribution



Red (96%)

Green (82%)

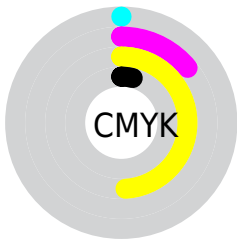
Blue (49%)



Red (67%)

Yellow (96%)

Blue (49%)

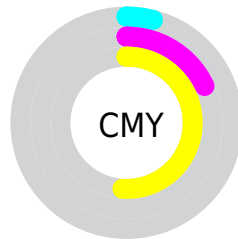


Cyan (0%)

Magenta (14%)

Yellow (49%)

Black (4%)



Cyan (4%)


Magenta (18%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RYB color 171, 244, 124 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 171, 244, 124 by changing the saturation by 10% instead.

 171, 244, 124

 171, 244, 124


255, 255, 255

 140, 214, 98


 178, 255, 178

 114, 186, 73

 206, 255, 206

 83, 157, 47


 235, 255, 235

 52, 129, 21

 26, 102, 0

 24, 76, 0

 18, 50, 0

 14, 26, 0

 0, 0, 0

171, 244, 124

171, 244, 124

157, 244, 100

186, 244, 148

142, 244, 75

201, 244, 173

126, 244, 51

215, 244, 197

111, 244, 26

230, 244, 222

97, 244, 2

244, 245, 246

96, 244, 0

244, 248, 255

244, 250, 255

Harmonies

Analogous

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



255, 247, 139



171, 244, 124



134, 224, 160

Triad

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



171, 244, 124



0, 123, 255



255, 187, 255

Complementary

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



171, 244, 124



124, 150, 244

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.



215, 203, 255



171, 244, 124



51, 146, 255

Square

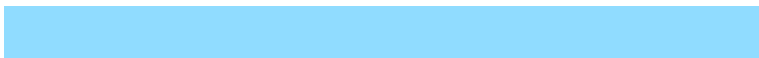
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



171, 244, 124



81, 166, 237



144, 189, 255



255, 179, 217

Rectangle

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



171, 244, 124



153, 230, 219



144, 189, 255



253, 192, 255

Sweetspot

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



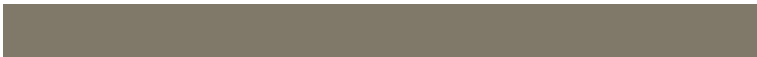
171, 244, 124



232, 255, 217



244, 124, 158



115, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



171, 244, 124



163, 255, 105



124, 244, 150



114, 122, 110



72, 186, 0



24, 59, 0

Inverse Universe

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



124, 150, 244



105, 138, 255



150, 124, 244



110, 113, 122



0, 41, 186



0, 13, 59

Previews

White Background



This preview shows how the RYB color 171, 244, 124 looks on a white background.

Color Contrast Check

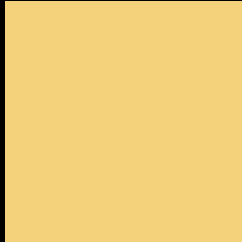
Large Text (above 18pt) WCAG AA × Fail

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 171, 244, 124 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 171, 244, 124 Background



This preview shows how black text looks on a background with the RYB color 171, 244, 124.

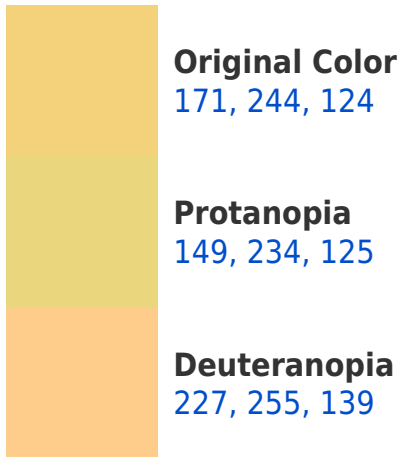



This preview shows how white text looks on a background with the RYB color 171, 244, 124.

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](#).

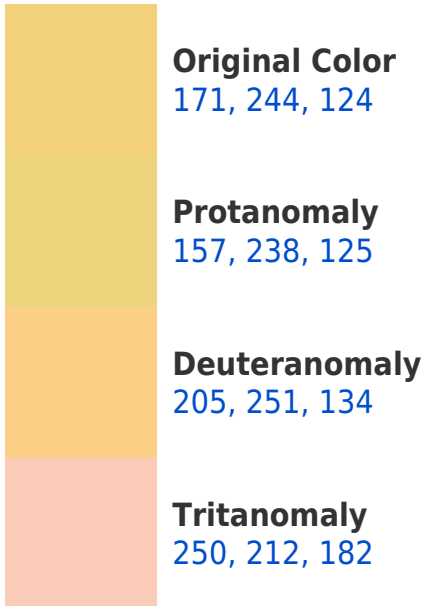
Dichromacy





Tritanopia
253, 199, 215

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 244, 124 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(244, 210, 124)` looks like.

```
.text, #text, p{  
    color:rgb(244, 210, 124)  
}
```

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(244, 210, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 210, 124) }
```

Border

The CSS property to change the border of an element to RYB 171, 244, 124 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(244, 210, 124) }
```

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

```
.border{ border-color:rgb(244, 210, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 210, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 210, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 210, 124);  
box-shadow:4px 4px 4px 4px rgb(244, 210,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 171, 244, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 210, 124) }
```

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

```
.background{ background-color: rgb(244,  
210, 124) }
```

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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