

Converting Colors

`RYB(186, 255, 172)`

Have a look what the booklet for
RYB(186, 255, 172) contains.

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Color

R_YB(186, 255, 172)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3AC
RGB	255, 243, 172
RGB Percent	100%, 95%, 67%
CMY	0.0000, 0.0470, 0.3255
CMYK	0.00, 0.05, 0.33, 0.00
HSL	51°, 100%, 84%
HSV	51°, 33%, 100%
XYZ	80.7432, 88.3521, 51.8278
YIQ	238.4940, 29.9430, -19.5370

Conversions

Conversions Part 2

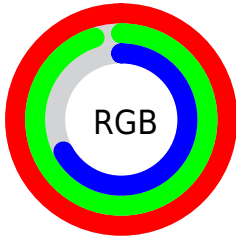
Format	Color
RYB	186, 255, 172
Decimal	16774060
CIELab	95.31, -6.24, 35.75
CIELCh	95, 36.294, 99.896
Yxy	88.3521, 0.3655, 0.3999
Android (android.graphics.Color)	4294964140 (0xFFFFF3AC)
YUV	238.4940, -32.7815, 14.4758
Hunter-Lab	93.9958, -11.1597, 33.1055

Details

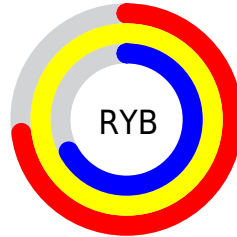
The RYB color **186, 255, 172** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **172, 182, 255**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **228, 255, 228**, and **130, 197, 119** is the 20% darker color. If you saturate the color by 10%, you get **166, 255, 147**, and if you desaturate by 10%, it is **207, 255, 198**.

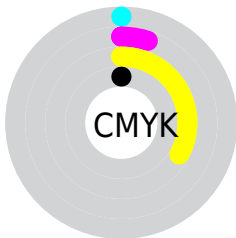
Distribution



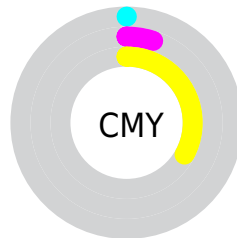
- Red (100%)
- Green (95%)
- Blue (67%)



- Red (73%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (5%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 255, 172 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 186, 255, 172 by changing the saturation by 10% instead.


 186, 255, 172

255, 255, 255

 228, 255, 228

 186, 255, 172

 158, 226, 145


 130, 197, 119


 104, 169, 94

 78, 142, 69

 53, 116, 45

 26, 90, 21

 3, 65, 0

 1, 41, 0

 0, 20, 7

■ 186, 255, 172

■ 186, 255, 172

■ 166, 255, 147

■ 207, 255, 198

■ 143, 255, 121

■ 229, 255, 223

■ 123, 255, 96

■ 250, 255, 249

■ 102, 255, 70

255, 255, 255

■ 80, 255, 45

■ 59, 255, 19

■ 43, 255, 0

Harmonies

Analogous

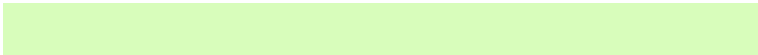
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210, 255, 176



186, 255, 172



187, 253, 224

Triad

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



186, 255, 172



134, 195, 255



255, 219, 255

Complementary

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



186, 255, 172



172, 182, 255

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.



255, 228, 255



186, 255, 172



164, 209, 255

Square

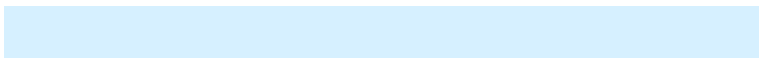
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



186, 255, 172



142, 199, 255



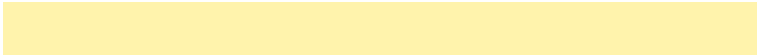
214, 230, 255



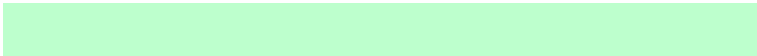
255, 216, 231

Rectangle

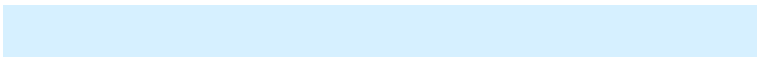
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



186, 255, 172



189, 242, 255



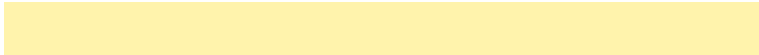
214, 230, 255



255, 221, 255

Sweetspot

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



186, 255, 172



235, 255, 230



255, 172, 184



116, 128, 112



0, 0, 0



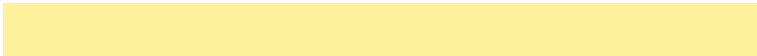
128, 128, 128

Same Dimension

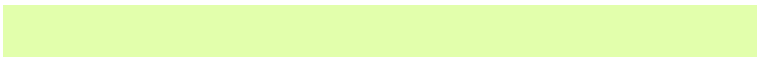
The Same Dimension uses a secret algorithm to generate beautiful new colors.



186, 255, 172



172, 255, 156



172, 255, 201



117, 128, 115



31, 191, 0



10, 64, 0

Inverse Universe

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



172, 182, 255



156, 168, 255



201, 172, 255



115, 117, 128



0, 24, 191



0, 8, 64

Previews

White Background



This preview shows how the RYB color 186, 255, 172 looks on a white background.

Color Contrast Check

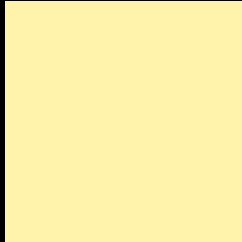
Large Text (above 18pt) WCAG AA × Fail

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 186, 255, 172 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 186, 255, 172 Background



This preview shows how black text looks on a background with the RYB color 186, 255, 172.

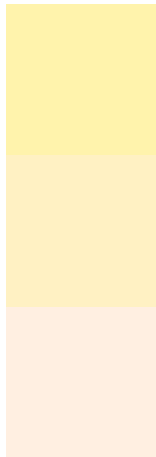


This preview shows how white text looks on a background with the RYB color 186, 255, 172.

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
186, 255, 172

Protanopia
213, 255, 195

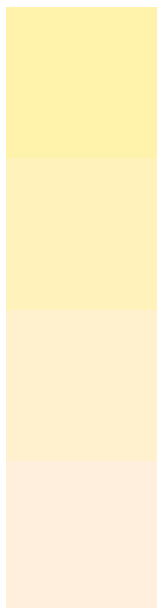
Deuteranopia
255, 251, 225



Tritanopia

255, 237, 247

Trichromacy



Original Color

186, 255, 172

Protanomaly

203, 255, 187

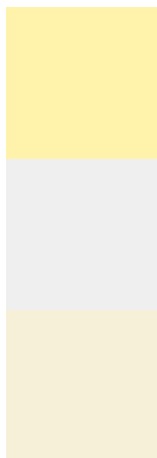
Deuteranomaly

228, 255, 206

Tritanomaly

249, 255, 220

Monochromacy



Original Color

186, 255, 172

Achromatopsia

239, 239, 239

Achromatomaly

221, 245, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 255, 172 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(255, 243, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 172)  
}
```

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(255, 243, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 172) }
```

Border

The CSS property to change the border of an element to RYB 186, 255, 172 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(255, 243, 172) }
```

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

```
.border{ border-color:rgb(255, 243, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 186, 255, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 172) }
```

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

```
.background{ background-color: rgb(255,  
243, 172) }
```

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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