

Converting Colors

`RYB(225, 255, 114)`

Have a look what the booklet for
RYB(225, 255, 114) contains.

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Color

R_YB(225, 255, 114)

Conversions

Conversions Part 1

Format	Color
Hex	FFC172
RGB	255, 193, 114
RGB Percent	100%, 76%, 45%
CMY	0.0000, 0.2436, 0.5529
CMYK	0.00, 0.24, 0.55, 0.00
HSL	34°, 100%, 72%
HSV	34°, 55%, 100%
XYZ	63.3235, 60.5675, 24.2728
YIQ	202.5320, 62.3110, -11.4250

Conversions

Conversions Part 2

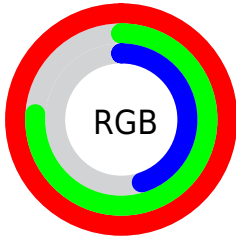
Format	Color
RYB	225, 255, 114
Decimal	16761202
CIELab	82.15, 13.65, 47.95
CIELCh	82, 49.854, 74.105
Yxy	60.5675, 0.4274, 0.4088
Android (android.graphics.Color)	4294951282 (0xFFFFC172)
YUV	202.5320, -43.6463, 46.0144
Hunter-Lab	77.8251, 9.0452, 35.9857

Details

The RYB color **225, 255, 114** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **114, 157, 255**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **173, 255, 167**, and **157, 195, 63** is the 20% darker color. If you saturate the color by 10%, you get **219, 255, 89**, and if you desaturate by 10%, it is **232, 255, 140**.

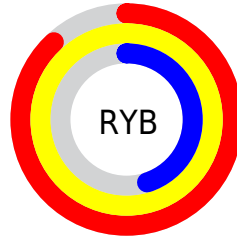
Distribution



Red (100%)

Green (76%)

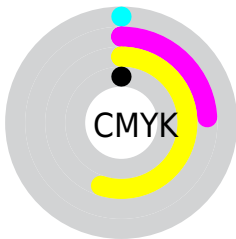
Blue (45%)



Red (88%)

Yellow (100%)

Blue (45%)

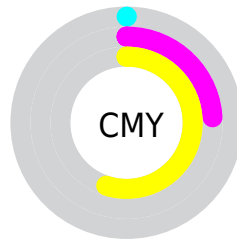


Cyan (0%)

Magenta (24%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 255, 114 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 225, 255, 114 by changing the saturation by 10% instead.

 225, 255, 114

 225, 255, 114


255, 255, 255

 192, 225, 88

 173, 255, 167

 160, 195, 63


 195, 255, 195


 126, 166, 38

 223, 255, 223

 86, 137, 9

 252, 255, 252

 71, 109, 0

 71, 82, 0

 55, 40, 0

 32, 0, 0

 0, 0, 0

225, 255, 114

225, 255, 114

219, 255, 89

232, 255, 140

216, 255, 63

237, 255, 165

209, 255, 37

241, 255, 191

203, 255, 12

246, 255, 216

200, 255, 0

253, 255, 242

255, 255, 255

Harmonies

Analogous

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



255, 194, 141



225, 255, 114



114, 212, 111

Triad

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



225, 255, 114



0, 115, 229



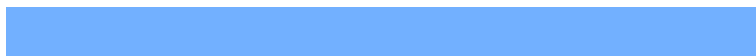
237, 184, 255

Complementary

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



225, 255, 114



114, 157, 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.



170, 193, 255



225, 255, 114



0, 120, 255

Square

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



225, 255, 114



95, 176, 227



72, 153, 255



255, 170, 231

Rectangle

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



225, 255, 114



125, 217, 164



72, 153, 255



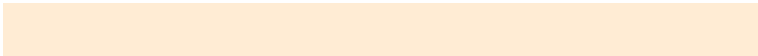
217, 190, 255

Sweetspot

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



225, 255, 114



246, 255, 212



255, 114, 177



124, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



225, 255, 114



219, 255, 87



114, 255, 121



126, 128, 115



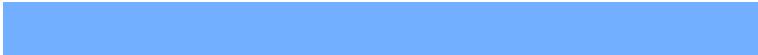
150, 191, 0



50, 64, 0

Inverse Universe

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



114, 157, 255



87, 138, 255



121, 114, 255



115, 119, 128



0, 58, 191



0, 19, 64

Previews

White Background



This preview shows how the RYB color 225, 255, 114 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 225, 255, 114 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](#).

RYP 225, 255, 114 Background



This preview shows how black text looks on a background with the RYP color 225, 255, 114.



This preview shows how white text looks on a background with the RYP color 225, 255, 114.

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
225, 255, 114

Protanopia
141, 224, 118

Deuteranopia
205, 250, 113



Tritanopia
255, 186, 198

Trichromacy



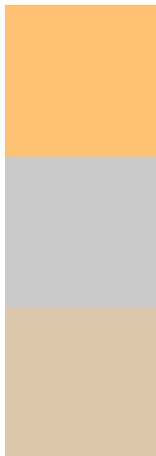
Original Color
225, 255, 114

Protanomaly
165, 235, 117

Deuteranomaly
213, 252, 113

Tritanomaly
255, 196, 167

Monochromacy



Original Color
225, 255, 114

Achromatopsia
202, 202, 202

Achromatomaly
209, 221, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 255, 114 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, 193, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 114)  
}
```

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, 193, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 114) }
```

Border

The CSS property to change the border of an element to RYB 225, 255, 114 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, 193, 114) }
```

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

```
.border{ border-color:rgb(255, 193, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 225, 255, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 114) }
```

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

```
.background{ background-color: rgb(255,  
193, 114) }
```

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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