

Converting Colors

`RYB(205, 255, 122)`

Have a look what the booklet for
RYB(205, 255, 122) contains.

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Color

R_YB(205, 255, 122)

Conversions

Conversions Part 1

Format	Color
Hex	FFCC7A
RGB	255, 204, 122
RGB Percent	100%, 80%, 48%
CMY	0.0000, 0.2004, 0.5216
CMYK	0.00, 0.20, 0.52, 0.00
HSL	37°, 100%, 74%
HSV	37°, 52%, 100%
XYZ	66.3204, 65.8003, 27.6176
YIQ	209.9010, 56.7180, -14.6900

Conversions

Conversions Part 2

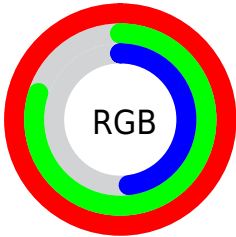
Format	Color
R _Y B	205, 255, 122
Decimal	16764026
CIE Lab	84.89, 8.59, 47.35
CIE LCh	85, 48.127, 79.720
Yxy	65.8003, 0.4152, 0.4119
Android (android.graphics.Color)	4294954106 (0xFFFFCC7A)
YUV	209.9010, -43.3352, 39.5518
Hunter-Lab	81.1174, 3.9837, 36.5960

Details

The RYB color **205, 255, 122** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **122, 159, 255**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **176, 255, 176**, and **144, 196, 71** is the 20% darker color. If you saturate the color by 10%, you get **196, 255, 97**, and if you desaturate by 10%, it is **214, 255, 148**.

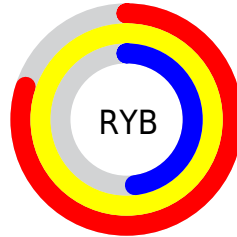
Distribution



Red (100%)

Green (80%)

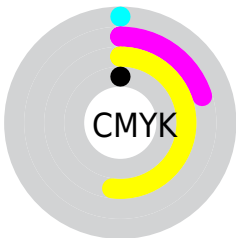
Blue (48%)



Red (80%)

Yellow (100%)

Blue (48%)

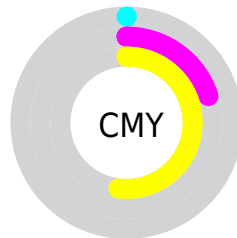


Cyan (0%)

Magenta (20%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 255, 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 205, 255, 122 by changing the saturation by 10% instead.

 205, 255, 122

255, 255, 255

 176, 255, 176


 204, 255, 204

 232, 255, 232


 205, 255, 122

 172, 225, 96

 144, 196, 71

 113, 167, 46

 77, 138, 19

 51, 111, 0

 49, 84, 0


 45, 57, 0

 33, 14, 0

 0, 0, 0

 205, 255, 122

 205, 255, 122

 196, 255, 97


 214, 255, 148

 187, 255, 71

 225, 255, 173

 178, 255, 46

 235, 255, 199

 166, 255, 20

 244, 255, 224

 159, 255, 0

 253, 255, 250

255, 255, 255

Harmonies

Analogous

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



255, 217, 144



205, 255, 122



124, 219, 132

Triad

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



205, 255, 122



0, 119, 241



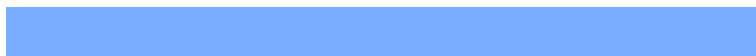
254, 189, 255

Complementary

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



205, 255, 122



122, 159, 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.



193, 204, 255



205, 255, 122



0, 121, 255

Square

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



205, 255, 122



96, 178, 235



112, 174, 255



255, 177, 230

Rectangle

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



205, 255, 122



140, 226, 189



112, 174, 255



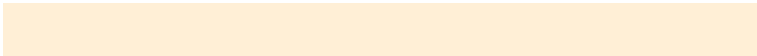
236, 195, 255

Sweetspot

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



205, 255, 122



240, 255, 214



255, 122, 175



120, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



205, 255, 122



195, 255, 94



122, 255, 135



123, 128, 115



118, 191, 0



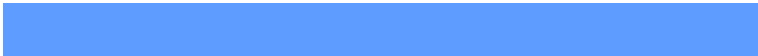
41, 64, 0

Inverse Universe

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



122, 159, 255



94, 139, 255



135, 122, 255



115, 119, 128



0, 53, 191



0, 17, 64

Previews

White Background



This preview shows how the RYB color 205, 255, 122 looks on a white background.

Color Contrast Check

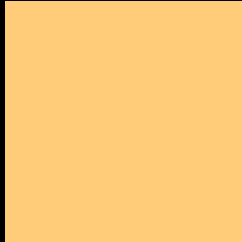
Large Text (above 18pt) WCAG AA × Fail

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 205, 255, 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](#).

RYP 205, 255, 122 Background



This preview shows how black text looks on a background with the RYP color 205, 255, 122.





This preview shows how white text looks on a background with the RYP color 205, 255, 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 205, 255, 122
	Protanopia 150, 232, 125
	Deuteranopia 222, 255, 132



Tritanopia
255, 197, 209

Trichromacy



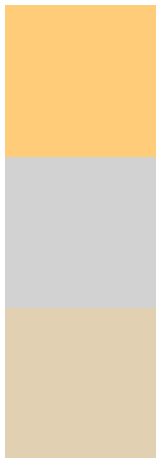
Original Color
205, 255, 122

Protanomaly
166, 240, 124

Deuteranomaly
216, 255, 128

Tritanomaly
255, 210, 177

Monochromacy



Original Color
205, 255, 122

Achromatopsia
210, 210, 210

Achromatomaly
207, 226, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 255, 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(255, 204, 122) looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 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(255, 204, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 122) }
```

Border

The CSS property to change the border of an element to RYB 205, 255, 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(255, 204, 122) }
```

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

```
.border{ border-color:rgb(255, 204, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 255, 204, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 122) }
```

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

```
.background{ background-color: rgb(255,  
204, 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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