

Converting Colors

`RYB(254, 212, 129)`

Have a look what the booklet for
RYB(254, 212, 129) contains.

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Color

`RYB(254, 212, 129)`

Conversions

Conversions Part 1	
Format	Color
Hex	FEB381
RGB	254, 179, 129
RGB Percent	100%, 70%, 51%
CMY	0.0039, 0.2985, 0.4941
CMYK	0.00, 0.30, 0.49, 0.00
HSL	24°, 98%, 75%
HSV	24°, 49%, 100%
XYZ	60.9315, 54.8478, 28.1441
YIQ	195.7250, 60.7500, 0.3500

Conversions

Conversions Part 2

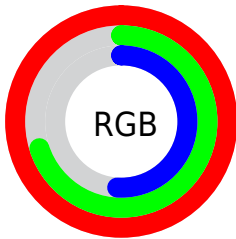
Format	Color
RYB	254, 212, 129
Decimal	16692097
CIELab	78.95, 21.84, 36.31
CIELCh	79, 42.376, 58.971
Yxy	54.8478, 0.4234, 0.3811
Android (android.graphics.Color)	4294882177 (0xFFFE381)
YUV	195.7250, -32.8954, 51.1072
Hunter-Lab	74.0593, 17.2551, 29.3101

Details

The RYB color **254, 212, 129** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **129, 176, 254**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **210, 255, 182**, and **194, 158, 79** is the 20% darker color. If you saturate the color by 10%, you get **254, 204, 104**, and if you desaturate by 10%, it is **254, 221, 154**.

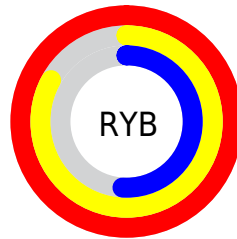
Distribution



Red (100%)

Green (70%)

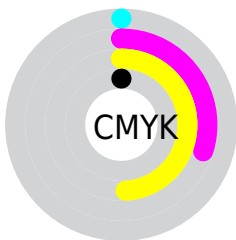
Blue (51%)



Red (100%)

Yellow (83%)

Blue (51%)

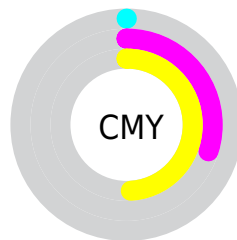


Cyan (0%)

Magenta (30%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 212, 129 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 254, 212, 129 by changing the saturation by 10% instead.

 254, 212, 129


255, 255, 255

 210, 255, 182


 210, 255, 210

 239, 255, 239

 254, 212, 129

 224, 185, 103

 194, 158, 79


 165, 134, 55

 137, 108, 32

 109, 89, 8

 82, 50, 0

 55, 11, 0

 31, 0, 1

 0, 0, 0

 254, 212, 129

 254, 212, 129

 254, 204, 104

 254, 221, 154

 254, 194, 78

 254, 228, 180

 254, 186, 53

 254, 239, 205

 254, 179, 27

 254, 246, 231

 254, 171, 2

254, 255, 255

 254, 168, 0

Harmonies

Analogous

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



255, 169, 159



254, 212, 129



158, 223, 116

Triad

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



254, 212, 129



80, 154, 216



198, 186, 255

Complementary

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



254, 212, 129



129, 176, 254

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.



135, 177, 255



254, 212, 129



10, 117, 232

Square

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



254, 212, 129



135, 198, 213



61, 145, 255



244, 172, 237

Rectangle

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



254, 212, 129



120, 201, 125



61, 145, 255



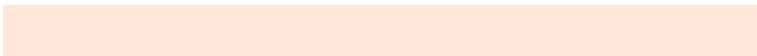
179, 189, 255

Sweetspot

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



254, 212, 129



255, 242, 217



254, 129, 206



128, 120, 105



0, 0, 0



128, 128, 128

Same Dimension

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



254, 212, 129



255, 205, 105



146, 254, 129



128, 123, 115



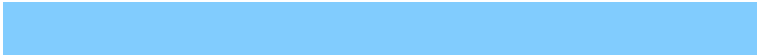
191, 126, 0



64, 41, 0

Inverse Universe

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



129, 176, 254



105, 161, 255



129, 142, 254



115, 120, 128



0, 72, 191



0, 24, 64

Previews

White Background



This preview shows how the RYB color 254, 212, 129 looks on a white background.

Color Contrast Check

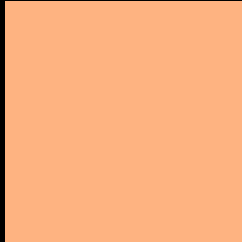
Large Text (above 18pt) WCAG AA × Fail

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 254, 212, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

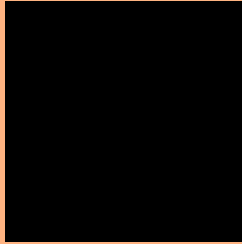
Any Text WCAG AA ✓ Pass

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 254, 212, 129 Background



This preview shows how black text looks on a background with the RYB color 254, 212, 129.



This preview shows how white text looks on a background with the RYB color 254, 212, 129.

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
254, 212, 129

Protanopia
156, 212, 136





Deuteranopia
216, 236, 127




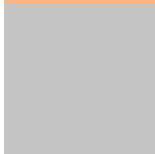
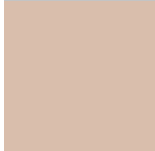
Tritanopia

255, 173, 185

Trichromacy

	Original Color 254, 212, 129
	Protanomaly 194, 227, 133
	Deuteranomaly 243, 237, 128
	Tritanomaly 255, 176, 165

Monochromacy

	Original Color 254, 212, 129
	Achromatopsia 196, 196, 196
	Achromatomaly 217, 202, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 254, 212, 129 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(254, 179, 129) looks like.

```
.text, #text, p{  
    color:rgb(254, 179, 129)  
}
```


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(254, 179, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 179, 129) }
```

Border

The CSS property to change the border of an element to RYB 254, 212, 129 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(254, 179, 129) }
```


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

```
.border{ border-color:rgb(254, 179, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 179, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 179, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 179, 129);  
box-shadow:4px 4px 4px 4px rgb(254, 179,  
129) }
```


Background

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

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

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

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

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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