

Converting Colors

`RYB(216, 248, 114)`

Have a look what the booklet for
RYB(216, 248, 114) contains.

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Color

R_YB(216, 248, 114)

Conversions

Conversions Part 1

Format	Color
Hex	F8BE72
RGB	248, 190, 114
RGB Percent	97%, 75%, 45%
CMY	0.0275, 0.2546, 0.5529
CMYK	0.00, 0.23, 0.54, 0.03
HSL	34°, 91%, 71%
HSV	34°, 54%, 97%
XYZ	60.1805, 58.0350, 23.9496
YIQ	198.6780, 58.9640, -11.3400

Conversions

Conversions Part 2

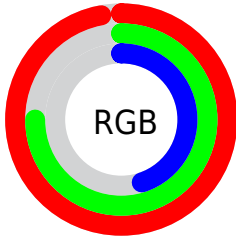
Format	Color
R _Y B	216, 248, 114
Decimal	16301682
CIE Lab	80.76, 12.29, 46.10
CIE LCh	81, 47.705, 75.076
Yxy	58.0350, 0.4233, 0.4082
Android (android.graphics.Color)	4294491762 (0xFFFF8BE72)
YUV	198.6780, -41.7463, 43.2554
Hunter-Lab	76.1807, 7.6934, 34.6870

Details

The RYB color **216, 248, 114** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **114, 154, 248**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **177, 255, 167**, and **152, 189, 63** is the 20% darker color. If you saturate the color by 10%, you get **211, 248, 89**, and if you desaturate by 10%, it is **222, 248, 139**.

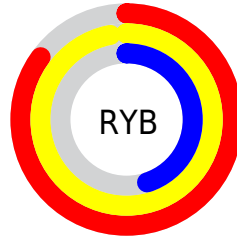
Distribution



Red (97%)

Green (75%)

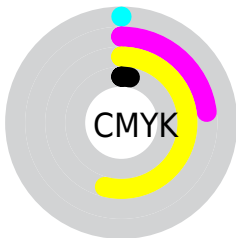
Blue (45%)



Red (85%)

Yellow (97%)

Blue (45%)

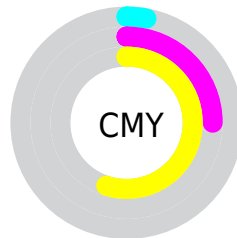


Cyan (0%)

Magenta (23%)

Yellow (54%)

Black (3%)



Cyan (3%)

Magenta (25%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 216, 248, 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 216, 248, 114 by changing the saturation by 10% instead.

 216, 248, 114

255, 255, 255

 177, 255, 167

 195, 255, 195

 223, 255, 223


 252, 255, 252

 216, 248, 114

 183, 218, 88

 152, 189, 63

 120, 160, 38

 80, 131, 11

 65, 104, 0

 64, 77, 0

 50, 36, 0

 27, 0, 0

 0, 0, 0

■ 216, 248, 114

■ 216, 248, 114

■ 211, 248, 89

■ 222, 248, 139

■ 202, 248, 64

■ 227, 248, 164

■ 199, 248, 40

■ 234, 248, 188

■ 193, 248, 15

■ 239, 248, 213

■ 188, 248, 0

■ 245, 248, 238

■ 248, 251, 255

■ 248, 252, 255

Harmonies

Analogous

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



255, 191, 139



216, 248, 114



114, 207, 112

Triad

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



216, 248, 114



0, 113, 224



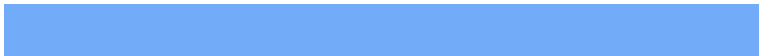
233, 180, 255

Complementary

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



216, 248, 114



114, 154, 248

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.



171, 191, 255



216, 248, 114



0, 118, 255

Square

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



216, 248, 114



95, 173, 222



83, 156, 255



255, 168, 225

Rectangle

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



216, 248, 114



125, 213, 164



83, 156, 255



215, 186, 255

Sweetspot

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



216, 248, 114



246, 255, 214



248, 114, 172



123, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



216, 248, 114



216, 255, 89



114, 248, 123



120, 125, 112



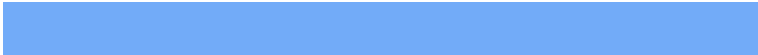
145, 189, 0



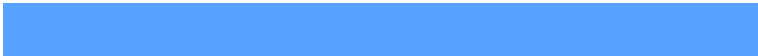
45, 61, 0

Inverse Universe

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



114, 154, 248



89, 139, 255



123, 114, 248



112, 116, 125



0, 57, 189



0, 18, 61

Previews

White Background



This preview shows how the RYB color 216, 248, 114 looks on a white background.

Color Contrast Check

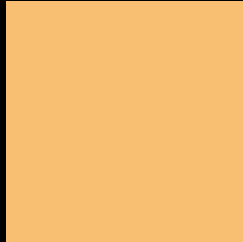
Large Text (above 18pt) WCAG AA × Fail

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 216, 248, 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](#).

RYB 216, 248, 114 Background



This preview shows how black text looks on a background with the RYB color 216, 248, 114.





This preview shows how white text looks on a background with the RYB color 216, 248, 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 216, 248, 114
	Protanopia 141, 220, 118
	Deuteranopia 206, 245, 114



Tritanopia
255, 180, 194

Trichromacy



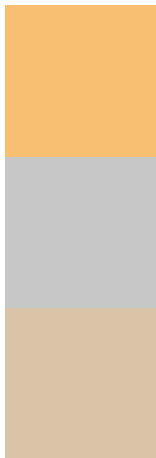
Original Color
216, 248, 114

Protanomaly
164, 230, 117

Deuteranomaly
208, 246, 114

Tritanomaly
252, 189, 165

Monochromacy



Original Color
216, 248, 114

Achromatopsia
199, 199, 199

Achromatomaly
205, 217, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 216, 248, 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(248, 190, 114)` looks like.

```
.text, #text, p{  
    color:rgb(248, 190, 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(248, 190, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 190, 114) }
```

Border

The CSS property to change the border of an element to RYB 216, 248, 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(248, 190, 114) }
```

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

```
.border{ border-color:rgb(248, 190, 114) }
```

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

Here you see how a box with a 4 pixel rgb(248, 190, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 190, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 190, 114);  
box-shadow:4px 4px 4px 4px rgb(248, 190,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 216, 248, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 190, 114) }
```

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

```
.background{ background-color: rgb(248,  
190, 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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