

Converting Colors

`RYB(246, 221, 104)`

Have a look what the booklet for
RYB(246, 221, 104) contains.

RYB(246, 221, 104)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(246, 221, 104)

Conversions

Conversions Part 1

Format	Color
Hex	F6A868
RGB	246, 168, 104
RGB Percent	96%, 66%, 41%
CMY	0.0353, 0.3406, 0.5922
CMYK	0.00, 0.32, 0.58, 0.04
HSL	27°, 89%, 69%
HSV	27°, 58%, 96%
XYZ	54.5345, 48.6518, 19.6132
YIQ	184.0260, 67.0320, -3.3680

Conversions

Conversions Part 2

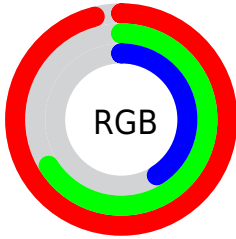
Format	Color
R _Y B	246, 221, 104
Decimal	16164968
CIE Lab	75.23, 22.23, 44.35
CIE LCh	75, 49.607, 63.381
Yxy	48.6518, 0.4441, 0.3962
Android (android.graphics.Color)	4294355048 (0xFFFF6A868)
YUV	184.0260, -39.4528, 54.3512
Hunter-Lab	69.7508, 17.4957, 32.1539

Details

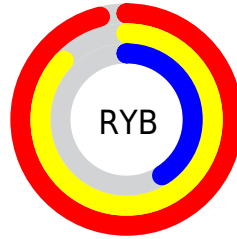
The RYB color **246, 221, 104** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **104, 154, 246**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **203, 255, 156**, and **186, 171, 54** is the 20% darker color. If you saturate the color by 10%, you get **246, 218, 79**, and if you desaturate by 10%, it is **246, 226, 129**.

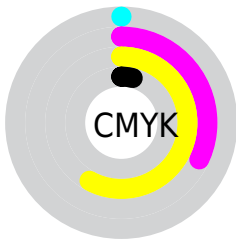
Distribution



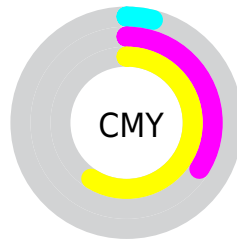
- Red (96%)
- Green (66%)
- Blue (41%)



- Red (96%)
- Yellow (87%)
- Blue (41%)



- Cyan (0%)
- Magenta (32%)
- Yellow (58%)
- Black (4%)



- Cyan (4%)
- Magenta (34%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 221, 104 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 246, 221, 104 by changing the saturation by 10% instead.

 246, 221, 104

255, 255, 255

 201, 255, 156

 187, 255, 184

 212, 255, 212

 240, 255, 240

 246, 221, 104

 216, 196, 79

 186, 171, 54

 157, 147, 30

 120, 128, 2

 100, 79, 0

 72, 32, 0

 46, 0, 0

 4, 0, 0

 0, 0, 0

■ 246, 221, 104

■ 246, 221, 104

■ 246, 218, 79

■ 246, 226, 129

■ 246, 211, 55

■ 246, 230, 153

■ 246, 209, 30

■ 246, 235, 178

■ 246, 202, 6

■ 246, 239, 202

■ 246, 202, 0

■ 246, 244, 227

■ 246, 248, 252

■ 246, 251, 255

Harmonies

Analogous

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



255, 156, 137



246, 221, 104



122, 208, 92

Triad

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



246, 221, 104



0, 110, 209



196, 171, 255

Complementary

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



246, 221, 104



104, 154, 246

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.



119, 165, 255



246, 221, 104



0, 110, 234

Square

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



246, 221, 104



101, 175, 205



0, 112, 255



246, 155, 227

Rectangle

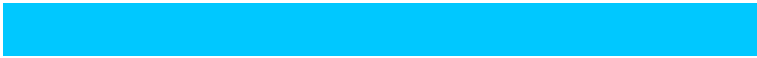
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246, 221, 104



99, 194, 116



0, 112, 255



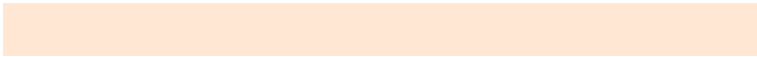
174, 177, 255

Sweetspot

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



246, 221, 104



255, 246, 212



246, 104, 182



128, 124, 102



0, 0, 0



128, 128, 128

Same Dimension

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



246, 221, 104



255, 226, 79



111, 246, 104



122, 122, 110



186, 153, 0



59, 46, 0

Inverse Universe

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



104, 154, 246



79, 142, 255



104, 111, 246



110, 114, 122



0, 66, 186



0, 21, 59

Previews

White Background



This preview shows how the RYB color 246, 221, 104 looks on a white background.

Color Contrast Check

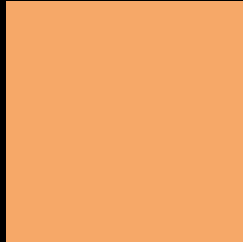
Large Text (above 18pt) WCAG AA × Fail

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 246, 221, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

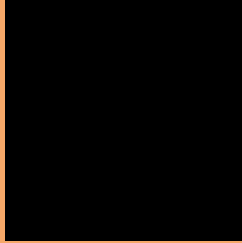
Any Text WCAG AA ✓ Pass

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 246, 221, 104 Background



This preview shows how black text looks on a background with the RYB color 246, 221, 104.

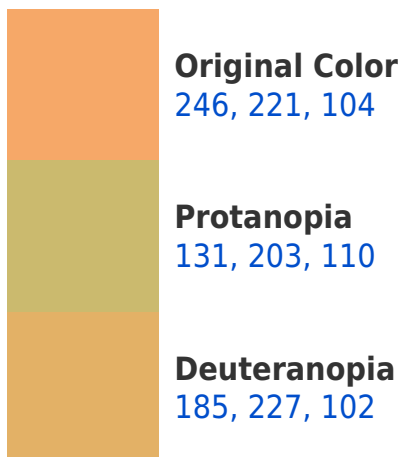



This preview shows how white text looks on a background with the RYB color 246, 221, 104.

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





Tritanopia
251, 160, 172

Trichromacy



Original Color
246, 221, 104

Protanomaly
168, 219, 108

Deuteranomaly
214, 234, 103

Tritanomaly
249, 166, 147

Monochromacy



Original Color
246, 221, 104

Achromatopsia
184, 184, 184

Achromatomaly
207, 196, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 221, 104 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(246, 168, 104) looks like.

```
.text, #text, p{  
    color:rgb(246, 168, 104)  
}
```

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(246, 168, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 168, 104) }
```

Border

The CSS property to change the border of an element to RYB 246, 221, 104 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(246, 168, 104) }
```

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

```
.border{ border-color:rgb(246, 168, 104) }
```

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

Here you see how a box with a 4 pixel rgb(246, 168, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 168, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 168, 104);  
box-shadow:4px 4px 4px 4px rgb(246, 168,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 246, 221, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 168, 104) }
```

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

```
.background{ background-color: rgb(246,  
168, 104) }
```

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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