

Converting Colors

`RYB(251, 181, 128)`

Have a look what the booklet for RYB(251, 181, 128) contains.

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Color

R_YB(251, 181, 128)

Conversions

Conversions Part 1

Format	Color
Hex	FBA580
RGB	251, 165, 128
RGB Percent	98%, 65%, 50%
CMY	0.0157, 0.3528, 0.4980
CMYK	0.00, 0.34, 0.49, 0.02
HSL	18°, 94%, 74%
HSV	18°, 49%, 98%
XYZ	57.1423, 48.9924, 26.8668
YIQ	186.4960, 63.1330, 6.7250

Conversions

Conversions Part 2

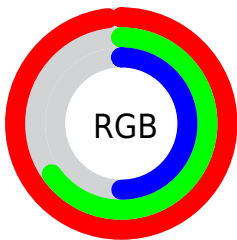
Format	Color
R _Y B	251, 181, 128
Decimal	16491904
CIE Lab	75.45, 27.83, 32.22
CIE LCh	75, 42.578, 49.183
Yxy	48.9924, 0.4296, 0.3684
Android (android.graphics.Color)	4294681984 (0xFFFBA580)
YUV	186.4960, -28.8385, 56.5700
Hunter-Lab	69.9945, 23.2337, 26.2382

Details

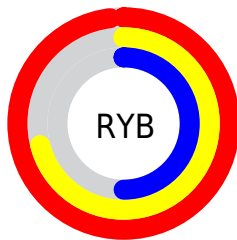
The RYB color **251, 181, 128** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **128, 179, 251**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **247, 255, 181**, and **191, 127, 78** is the 20% darker color. If you saturate the color by 10%, you get **251, 166, 103**, and if you desaturate by 10%, it is **251, 196, 153**.

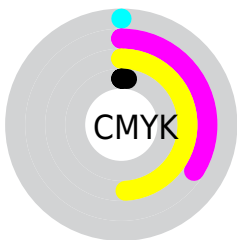
Distribution



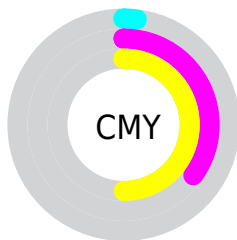
- Red (98%)
- Green (65%)
- Blue (50%)



- Red (98%)
- Yellow (71%)
- Blue (50%)



- Cyan (0%)
- Magenta (34%)
- Yellow (49%)
- Black (2%)





- Cyan (2%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the RYB color 251, 181, 128 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 251, 181, 128 by changing the saturation by 10% instead.


 251, 181, 128

 251, 181, 128

255, 255, 255

 221, 153, 103

 244, 255, 181

 191, 129, 78

 216, 255, 209

 162, 101, 55

 237, 255, 237

 134, 77, 32

 106, 54, 10

 78, 20, 0

 51, 0, 0

 19, 0, 0

 0, 0, 0

■ 251, 181, 128

■ 251, 181, 128

■ 251, 166, 103

■ 251, 196, 153

■ 251, 152, 78

■ 251, 209, 178

■ 251, 137, 53

■ 251, 225, 203

■ 251, 124, 28

■ 251, 238, 228

■ 251, 108, 3

■ 251, 252, 253

■ 251, 109, 0

■ 251, 253, 255

Harmonies

Analogous

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



255, 156, 162



251, 181, 128



182, 224, 108

Triad

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



251, 181, 128



88, 158, 206



169, 180, 255

Complementary

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



251, 181, 128



128, 179, 251

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.



100, 159, 255



251, 181, 128



0, 104, 210

Square

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



251, 181, 128



133, 201, 193



0, 111, 244



221, 167, 238

Rectangle

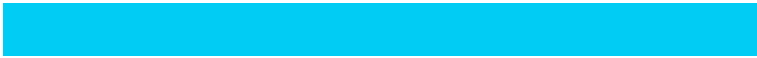
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



251, 181, 128



121, 199, 107



0, 111, 244



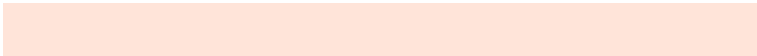
148, 176, 255

Sweetspot

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



251, 181, 128



255, 232, 217



251, 128, 214



128, 113, 105



0, 0, 0



128, 128, 128

Same Dimension

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



251, 181, 128



255, 169, 105



159, 251, 128



125, 118, 112



189, 82, 0



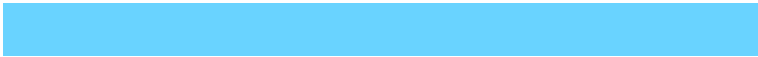
61, 26, 0

Inverse Universe

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



128, 179, 251



105, 167, 255



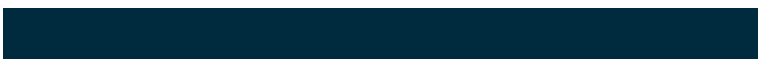
128, 149, 251



112, 117, 125



0, 78, 189



0, 25, 61

Previews

White Background



This preview shows how the RYB color 251, 181, 128 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 251, 181, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

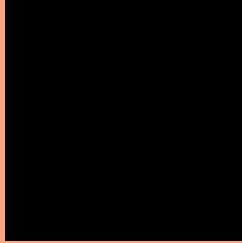
Any Text WCAG AA ✓ Pass

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 251, 181, 128 Background



This preview shows how black text looks on a background with the RYB color 251, 181, 128.



This preview shows how white text looks on a background with the RYB color 251, 181, 128.

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
251, 181, 128

Protanopia
155, 200, 137

Deuteranopia
208, 223, 125



Tritanopia
255, 159, 171

Trichromacy



Original Color

251, 181, 128



Protanomaly

213, 219, 134



Deuteranomaly

233, 210, 126



Tritanomaly

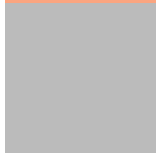
254, 161, 155

Monochromacy



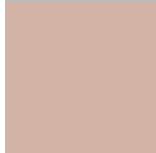
Original Color

251, 181, 128



Achromatopsia

187, 187, 187



Achromatomaly

210, 184, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 181, 128 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(251, 165, 128) looks like.

```
.text, #text, p{  
    color:rgb(251, 165, 128)  
}
```

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(251, 165, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 165, 128) }
```

Border

The CSS property to change the border of an element to RYB 251, 181, 128 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(251, 165, 128) }
```

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

```
.border{ border-color:rgb(251, 165, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 165, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 165, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 165, 128);  
box-shadow:4px 4px 4px 4px rgb(251, 165,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 251, 165, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 165, 128) }
```

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

```
.background{ background-color: rgb(251,  
165, 128) }
```

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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