

Converting Colors

`RYB(250, 195, 106)`

Have a look what the booklet for
RYB(250, 195, 106) contains.

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Color

$\text{RYB}(250, 195, 106)$

Conversions

Conversions Part 1

Format	Color
Hex	FAA16A
RGB	250, 161, 106
RGB Percent	98%, 63%, 42%
CMY	0.0196, 0.3686, 0.5843
CMYK	0.00, 0.36, 0.58, 0.02
HSL	23°, 94%, 70%
HSV	23°, 58%, 98%
XYZ	54.7715, 46.8558, 19.7930
YIQ	181.3410, 70.6990, 1.7630

Conversions

Conversions Part 2

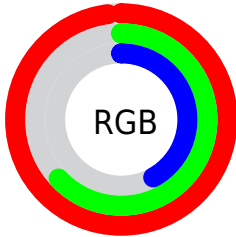
Format	Color
R _Y B	250, 195, 106
Decimal	16425322
CIE Lab	74.10, 27.73, 42.04
CIE LCh	74, 50.364, 56.596
Yxy	46.8558, 0.4511, 0.3859
Android (android.graphics.Color)	4294615402 (0xFFFAA16A)
YUV	181.3410, -37.1431, 60.2139
Hunter-Lab	68.4513, 23.0373, 30.7720

Details

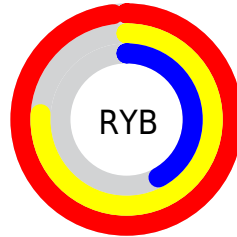
The RYB color **250, 195, 106** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **106, 161, 250**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **223, 255, 158**, and **190, 142, 57** is the 20% darker color. If you saturate the color by 10%, you get **250, 187, 81**, and if you desaturate by 10%, it is **250, 203, 131**.

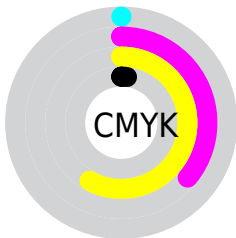
Distribution



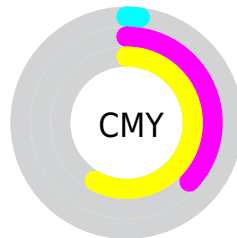
- Red (98%)
- Green (63%)
- Blue (42%)



- Red (98%)
- Yellow (76%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (58%)
- Black (2%)




- Cyan (2%)
- Magenta (37%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 195, 106 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 250, 195, 106 by changing the saturation by 10% instead.

 250, 195, 106


255, 255, 255

 223, 255, 158


 198, 255, 186

 214, 255, 214


 242, 255, 242

 250, 195, 106

 220, 167, 81

 190, 142, 57

 160, 118, 33

 131, 100, 7


 103, 55, 0


 74, 16, 0


 48, 0, 0

 6, 0, 0


 0, 0, 0

 250, 195, 106


 250, 195, 106

 250, 187, 81

 250, 203, 131

 250, 176, 56

 250, 214, 156

 250, 167, 31

 250, 223, 181

 250, 156, 6

 250, 234, 206

 250, 153, 0

 250, 242, 231

 250, 252, 255

 250, 253, 255

Harmonies

Analogous

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



255, 147, 143



250, 195, 106



140, 215, 88

Triad

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



250, 195, 106



0, 111, 206



178, 172, 255

Complementary

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



250, 195, 106



106, 161, 250

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.



89, 151, 255



250, 195, 106



0, 107, 222

Square

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



250, 195, 106



112, 187, 201



0, 112, 255



235, 155, 234

Rectangle

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



250, 195, 106



90, 188, 93



0, 112, 255



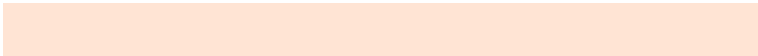
153, 173, 255

Sweetspot

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



250, 195, 106



255, 237, 212



250, 106, 197



128, 118, 102



0, 0, 0



128, 128, 128

Same Dimension

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



250, 195, 106



255, 187, 79



128, 250, 106



125, 120, 112



189, 116, 0



61, 37, 0

Inverse Universe

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



106, 161, 250



79, 146, 255



106, 123, 250



112, 117, 125



0, 72, 189



0, 23, 61

Previews

White Background



This preview shows how the RYB color 250, 195, 106 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 250, 195, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

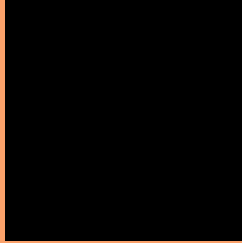
Any Text WCAG AA ✓ Pass

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 250, 195, 106 Background



This preview shows how black text looks on a background with the RYB color 250, 195, 106.



This preview shows how white text looks on a background with the RYB color 250, 195, 106.

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
250, 195, 106

Protanopia
134, 199, 114

Deuteranopia
186, 223, 103



Tritanopia
254, 154, 165

Trichromacy



Original Color
250, 195, 106

Protanomaly
183, 218, 111

Deuteranomaly
231, 233, 104

Tritanomaly
253, 159, 144

Monochromacy



Original Color
250, 195, 106

Achromatopsia
181, 181, 181

Achromatomaly
206, 187, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 195, 106 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(250, 161, 106)` looks like.

```
.text, #text, p{  
    color:rgb(250, 161, 106)  
}
```

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(250, 161, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 161, 106) }
```

Border

The CSS property to change the border of an element to RYB 250, 195, 106 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(250, 161, 106) }
```

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

```
.border{ border-color:rgb(250, 161, 106) }
```

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

Here you see how a box with a 4 pixel rgb(250, 161, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 161, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 161, 106);  
box-shadow:4px 4px 4px 4px rgb(250, 161,  
106) }
```

Background

The CSS property to change the background color of an element to RYB 250, 195, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 161, 106) }
```

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

```
.background{ background-color: rgb(250,  
161, 106) }
```

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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