

Converting Colors

`RYB(250, 156, 137)`

Have a look what the booklet for
RYB(250, 156, 137) contains.

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Color

`RYB(250, 156, 137)`

Conversions

Conversions Part 1

Format	Color
Hex	FA9989
RGB	250, 153, 137
RGB Percent	98%, 60%, 54%
CMY	0.0196, 0.3990, 0.4627
CMYK	0.00, 0.39, 0.45, 0.02
HSL	9°, 92%, 76%
HSV	9°, 45%, 98%
XYZ	55.3744, 44.9995, 29.4341
YIQ	180.1790, 62.9480, 15.5880

Conversions

Conversions Part 2

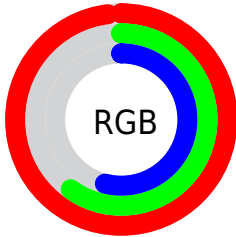
Format	Color
R _{YB}	250, 156, 137
Decimal	16423305
CIE _{Lab}	72.89, 34.45, 23.94
CIE _{LCh}	73, 41.950, 34.802
Yxy	44.9995, 0.4266, 0.3467
Android (android.graphics.Color)	4294613385 (0xFFFA9989)
YUV	180.1790, -21.2872, 61.2330
Hunter-Lab	67.0817, 29.9547, 20.9419

Details

The RYB color **250, 156, 137** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **137, 189, 250**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 215, 190**, and **190, 103, 87** is the 20% darker color. If you saturate the color by 10%, you get **250, 135, 112**, and if you desaturate by 10%, it is **250, 177, 162**.

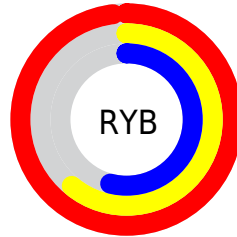
Distribution



Red (98%)

Green (60%)

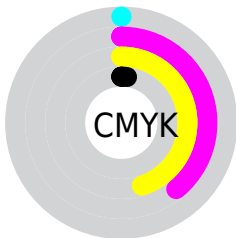
Blue (54%)



Red (98%)

Yellow (61%)

Blue (54%)

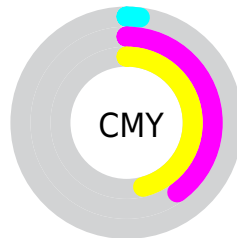


Cyan (0%)

Magenta (39%)

Yellow (45%)

Black (2%)



Cyan (2%)


Magenta (40%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 156, 137 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, 156, 137 by changing the saturation by 10% instead.


 250, 156, 137


255, 255, 255


 255, 217, 190

 253, 255, 218

 247, 255, 247

 250, 156, 137

 220, 129, 112

 190, 103, 87

 161, 78, 64

 133, 52, 41

 105, 26, 21


 78, 0, 0


 51, 0, 0


 10, 0, 0


 0, 0, 0


 250, 156, 137

 250, 156, 137

 250, 135, 112

 250, 177, 162

 250, 114, 87

 250, 198, 187

 250, 94, 62

 250, 218, 212

 250, 73, 37

 250, 239, 237

 250, 52, 12

 250, 253, 255

 250, 42, 0

Harmonies

Analogous

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



252, 148, 174



250, 156, 137



230, 212, 110

Triad

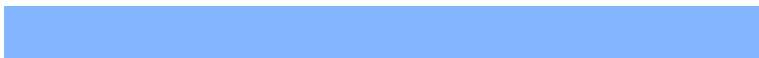
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250, 156, 137



109, 171, 196



132, 167, 255

Complementary

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



250, 156, 137



137, 189, 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.



52, 134, 248



250, 156, 137



46, 126, 199

Square

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



250, 156, 137



114, 190, 147



0, 104, 221



191, 167, 242

Rectangle

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



250, 156, 137



156, 210, 102



0, 104, 221



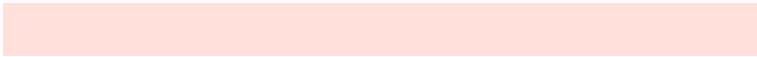
108, 159, 255

Sweetspot

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



250, 156, 137



255, 225, 219



250, 137, 235



128, 109, 106



0, 0, 0



128, 128, 128

Same Dimension

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



250, 156, 137



255, 140, 117



201, 250, 137



125, 114, 112



189, 32, 0



61, 11, 0

Inverse Universe

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



137, 189, 250



117, 181, 255



137, 167, 250



112, 118, 125



0, 87, 189



0, 28, 61

Previews

White Background



This preview shows how the RYB color 250, 156, 137 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, 156, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

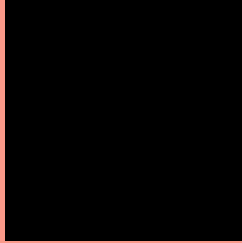
Any Text WCAG AA ✓ Pass

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, 156, 137 Background



This preview shows how black text looks on a background with the RYB color 250, 156, 137.

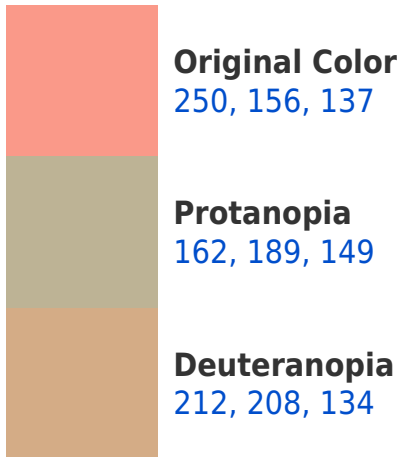


This preview shows how white text looks on a background with the RYB color 250, 156, 137.

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





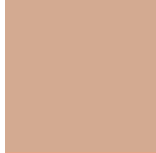
Tritanopia
252, 150, 161

Trichromacy



Original Color

250, 156, 137



Protanomaly

211, 185, 145



Deuteranomaly

226, 180, 135



Tritanomaly

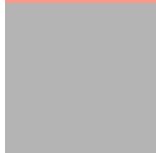
251, 151, 152

Monochromacy



Original Color

250, 156, 137



Achromatopsia

180, 180, 180



Achromatomaly

205, 171, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 156, 137 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, 153, 137)` looks like.

```
.text, #text, p{  
    color:rgb(250, 153, 137)  
}
```

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, 153, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 153, 137) }
```

Border

The CSS property to change the border of an element to RYB 250, 156, 137 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, 153, 137) }
```

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

```
.border{ border-color:rgb(250, 153, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 153, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 153, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 153, 137);  
box-shadow:4px 4px 4px 4px rgb(250, 153,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 250, 156, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 153, 137) }
```

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

```
.background{ background-color: rgb(250,  
153, 137) }
```

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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