

Converting Colors

`RYB(250, 166, 155)`

Have a look what the booklet for
RYB(250, 166, 155) contains.

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Color

R_YB(250, 166, 155)

Conversions

Conversions Part 1

Format	Color
Hex	FAA59B
RGB	250, 165, 155
RGB Percent	98%, 65%, 61%
CMY	0.0196, 0.3535, 0.3922
CMYK	0.00, 0.34, 0.38, 0.02
HSL	6°, 90%, 79%
HSV	6°, 38%, 98%
XYZ	58.7704, 49.5498, 37.4769
YIQ	189.2750, 53.8700, 14.9100

Conversions

Conversions Part 2

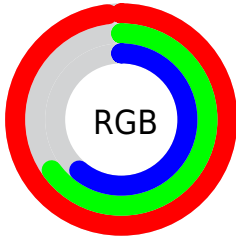
Format	Color
R _Y B	250, 166, 155
Decimal	16426395
CIE Lab	75.79, 30.31, 18.10
CIE LCh	76, 35.305, 30.842
Yxy	49.5498, 0.4031, 0.3399
Android (android.graphics.Color)	4294616475 (0xFFFAA59B)
YUV	189.2750, -16.8976, 53.2558
Hunter-Lab	70.3916, 25.8453, 17.7078

Details

The RYB color **250, 166, 155** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **155, 200, 250**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 225, 209**, and **191, 113, 104** is the 20% darker color. If you saturate the color by 10%, you get **250, 143, 130**, and if you desaturate by 10%, it is **250, 188, 180**.

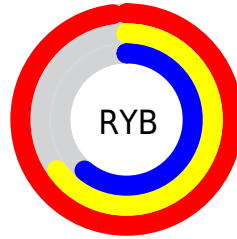
Distribution



Red (98%)

Green (65%)

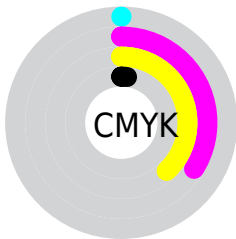
Blue (61%)



Red (98%)

Yellow (65%)

Blue (61%)

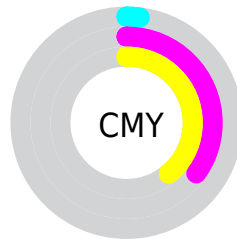


Cyan (0%)

Magenta (34%)

Yellow (38%)

Black (2%)



Cyan (2%)


Magenta (35%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RYB color 250, 166, 155 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, 166, 155 by changing the saturation by 10% instead.


 250, 166, 155

 250, 166, 155

255, 255, 255

 220, 139, 129

 255, 223, 209

 191, 113, 104

 247, 255, 238

 163, 88, 80

 135, 62, 57

 107, 39, 35


 80, 14, 14


 54, 0, 0


 25, 0, 1


 0, 0, 0

 250, 166, 155


 250, 166, 155

 250, 143, 130

 250, 188, 180

 250, 122, 105

 250, 211, 205

 250, 100, 80

 250, 232, 230

 250, 77, 55

 250, 252, 255

 250, 56, 30

 250, 253, 255

 250, 33, 5

 250, 29, 0

Harmonies

Analogous

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



249, 162, 187



250, 166, 155



235, 204, 131

Triad

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



250, 166, 155



136, 188, 202



144, 176, 251

Complementary

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



250, 166, 155



155, 200, 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.



95, 156, 243



250, 166, 155



97, 156, 205

Square

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



250, 166, 155



130, 195, 151



74, 143, 219



192, 178, 243

Rectangle

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



250, 166, 155



184, 218, 123



74, 143, 219



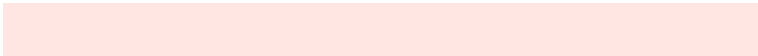
127, 170, 250

Sweetspot

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



250, 166, 155



255, 230, 227



250, 155, 241



128, 113, 111



0, 0, 0



128, 128, 128

Same Dimension

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



250, 166, 155



255, 151, 138



218, 250, 155



125, 114, 112



189, 22, 0



61, 7, 0

Inverse Universe

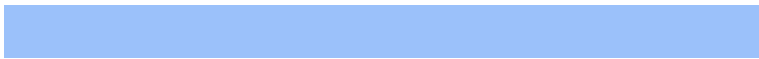
The Inverse Universe completely reimagines the original color for something new.



155, 200, 250



138, 193, 255



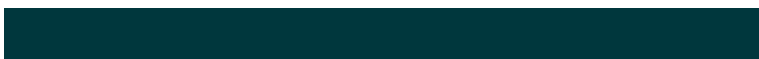
155, 182, 250



112, 118, 125



0, 89, 189



0, 29, 61

Previews

White Background



This preview shows how the RYB color 250, 166, 155 looks on a white background.

Color Contrast Check

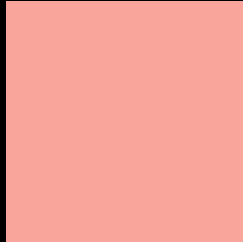
Large Text (above 18pt) WCAG AA × Fail

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, 166, 155 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, 166, 155 Background



This preview shows how black text looks on a background with the RYB color 250, 166, 155.

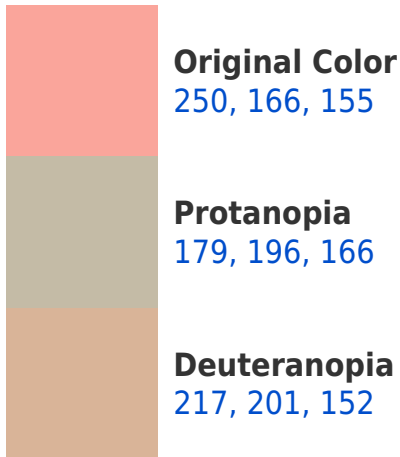



This preview shows how white text looks on a background with the RYB color 250, 166, 155.

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





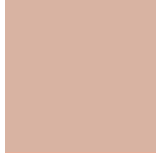
Tritanopia
252, 162, 174

Trichromacy



Original Color

250, 166, 155



Protanomaly

216, 187, 162



Deuteranomaly

229, 182, 153



Tritanomaly

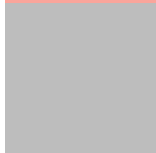
251, 163, 167

Monochromacy



Original Color

250, 166, 155



Achromatopsia

189, 189, 189



Achromatomaly

211, 180, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 166, 155 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, 165, 155) looks like.

```
.text, #text, p{  
    color:rgb(250, 165, 155)  
}
```

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, 165, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 165, 155) }
```

Border

The CSS property to change the border of an element to RYB 250, 166, 155 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, 165, 155) }
```

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

```
.border{ border-color:rgb(250, 165, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 165, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 165, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 165, 155);  
box-shadow:4px 4px 4px 4px rgb(250, 165,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 250, 166, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 165, 155) }
```

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

```
.background{ background-color: rgb(250,  
165, 155) }
```

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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