

Converting Colors

`RYB(246, 190, 162)`

Have a look what the booklet for
RYB(246, 190, 162) contains.

RYB(246, 190, 162)	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

$\text{RYB}(246, 190, 162)$

Conversions

Conversions Part 1

Format	Color
Hex	F6B7A2
RGB	246, 183, 162
RGB Percent	96%, 72%, 64%
CMY	0.0353, 0.2824, 0.3647
CMYK	0.00, 0.26, 0.34, 0.04
HSL	15°, 82%, 80%
HSV	15°, 34%, 96%
XYZ	61.4611, 56.0684, 41.7654
YIQ	199.4430, 44.2890, 6.8250

Conversions

Conversions Part 2

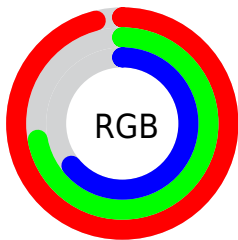
Format	Color
R _Y B	246, 190, 162
Decimal	16168866
CIE Lab	79.65, 20.08, 19.60
CIE LCh	80, 28.058, 44.316
Yxy	56.0684, 0.3858, 0.3520
Android (android.graphics.Color)	4294358946 (0xFFFF6B7A2)
YUV	199.4430, -18.4594, 40.8305
Hunter-Lab	74.8789, 15.4761, 19.3449

Details

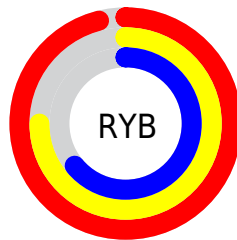
The RYB color **246, 190, 162** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **162, 198, 246**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **245, 255, 217**, and **188, 137, 110** is the 20% darker color. If you saturate the color by 10%, you get **246, 175, 137**, and if you desaturate by 10%, it is **246, 205, 187**.

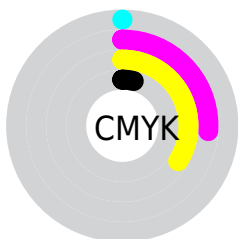
Distribution



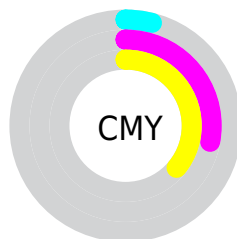
- Red (96%)
- Green (72%)
- Blue (64%)



- Red (96%)
- Yellow (75%)
- Blue (64%)



- Cyan (0%)
- Magenta (26%)
- Yellow (34%)
- Black (4%)



- Cyan (4%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 190, 162 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, 190, 162 by changing the saturation by 10% instead.


 246, 190, 162

255, 255, 255


 245, 255, 217

 245, 255, 245

 246, 190, 162

 217, 163, 136

 188, 137, 110

 160, 110, 86

 133, 85, 63

 106, 63, 40

 80, 38, 20


 55, 17, 0

 32, 0, 1


 0, 0, 0

 246, 190, 162


 246, 190, 162

 246, 175, 137


 246, 205, 187

 246, 157, 113


 246, 223, 211

 246, 142, 88

 246, 239, 236

 246, 124, 64

 246, 251, 255

 246, 108, 39

 246, 91, 14

 246, 83, 0

Harmonies

Analogous

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



251, 179, 186



246, 190, 162



220, 229, 148

Triad

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



246, 190, 162



145, 187, 211



183, 194, 248

Complementary

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



246, 190, 162



162, 198, 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.



147, 183, 247



246, 190, 162



124, 169, 212

Square

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



246, 190, 162



159, 207, 192



123, 172, 233



217, 186, 235

Rectangle

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



246, 190, 162



166, 213, 145



123, 172, 233



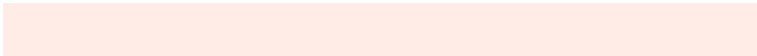
171, 192, 249

Sweetspot

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



246, 190, 162



255, 238, 230



246, 162, 225



128, 117, 112



0, 0, 0



128, 128, 128

Same Dimension

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



246, 190, 162



255, 186, 150



190, 246, 162



122, 114, 110



186, 63, 0



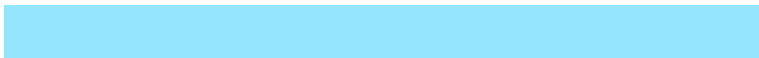
59, 20, 0

Inverse Universe

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



162, 198, 246



150, 195, 255



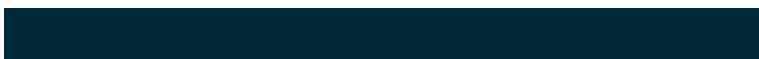
162, 179, 246



110, 115, 122



0, 80, 186



0, 25, 59

Previews

White Background



This preview shows how the RYB color 246, 190, 162 looks on a white background.

Color Contrast Check

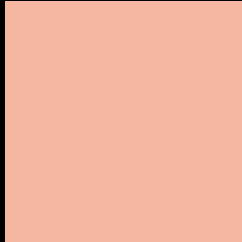
Large Text (above 18pt) WCAG AA × Fail

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, 190, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

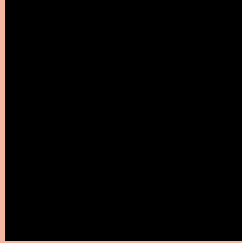
Any Text WCAG AA ✓ Pass

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](#).

R Y B 246, 190, 162 Background



This preview shows how black text looks on a background with the RYB color 246, 190, 162.



This preview shows how white text looks on a background with the RYB color 246, 190, 162.

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
246, 190, 162

Protanopia
184, 208, 169

Deuteranopia
230, 211, 161



Tritanopia
249, 179, 192

Trichromacy



Original Color

246, 190, 162

Protanomaly

222, 215, 166

Deuteranomaly

236, 201, 161

Tritanomaly

248, 180, 181

Monochromacy



Original Color

246, 190, 162

Achromatopsia

199, 199, 199

Achromatomaly

216, 195, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 190, 162 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, 183, 162) looks like.

```
.text, #text, p{  
    color:rgb(246, 183, 162)  
}
```

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, 183, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 183, 162) }
```

Border

The CSS property to change the border of an element to RYB 246, 190, 162 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, 183, 162) }
```

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

```
.border{ border-color:rgb(246, 183, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 183, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 183, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 183, 162);  
box-shadow:4px 4px 4px 4px rgb(246, 183,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 246, 190, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 183, 162) }
```

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

```
.background{ background-color: rgb(246,  
183, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor