

Converting Colors

`RYB(250, 227, 210)`

Have a look what the booklet for
RYB(250, 227, 210) contains.

RYB(250, 227, 210)	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

R_YB(250, 227, 210)

Conversions

Conversions Part 1

Format	Color
Hex	FADED2
RGB	250, 222, 210
RGB Percent	98%, 87%, 82%
CMY	0.0196, 0.1297, 0.1765
CMYK	0.00, 0.11, 0.16, 0.02
HSL	18°, 80%, 90%
HSV	18°, 16%, 98%
XYZ	77.1598, 77.1824, 71.8037
YIQ	229.0040, 20.5400, 2.2040

Conversions

Conversions Part 2

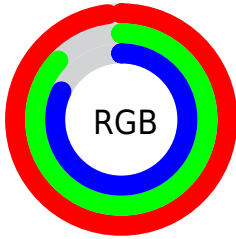
Format	Color
R _Y B	250, 227, 210
Decimal	16441042
CIE Lab	90.41, 7.79, 9.37
CIE LCh	90, 12.186, 50.283
Yxy	77.1824, 0.3412, 0.3413
Android (android.graphics.Color)	4294631122 (0xFFFADED2)
YUV	229.0040, -9.3690, 18.4135
Hunter-Lab	87.8535, 3.0290, 13.0391

Details

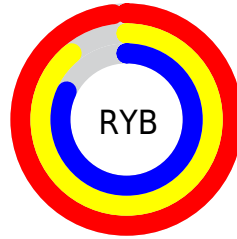
The RYB color **250, 227, 210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **210, 226, 250**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 172, 156** is the 20% darker color. If you saturate the color by 10%, you get **250, 212, 185**, and if you desaturate by 10%, it is **250, 240, 235**.

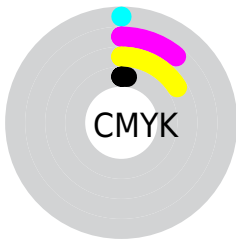
Distribution



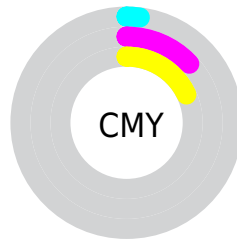
- Red (98%)
- Green (87%)
- Blue (82%)



- Red (98%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (2%)



- Cyan (2%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 250, 227, 210 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, 227, 210 by changing the saturation by 10% instead.

 250, 227, 210

255, 255, 255

 250, 227, 210

 221, 199, 182

 193, 172, 156

 166, 144, 130

 139, 120, 104

 113, 94, 80

 89, 72, 57

 65, 49, 36

 42, 29, 15

 20, 0, 0

250, 227, 210

250, 227, 210

250, 212, 185

250, 240, 235

250, 199, 160

250, 253, 255

250, 183, 135

250, 170, 110

250, 155, 85

250, 141, 60

250, 126, 35

250, 113, 10

250, 107, 0

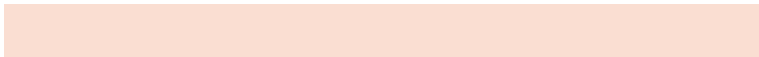
Harmonies

Analogous

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



253, 220, 220



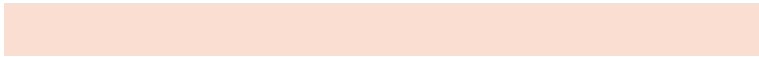
250, 227, 210



234, 241, 205

Triad

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



250, 227, 210



204, 222, 234



225, 226, 249

Complementary

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



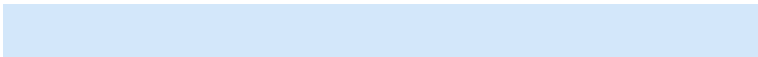
250, 227, 210



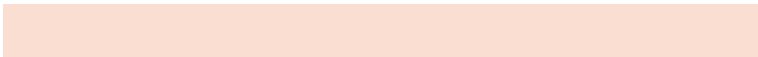
210, 226, 250

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.



211, 224, 250



250, 227, 210



199, 217, 235

Square

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



250, 227, 210



212, 232, 229



201, 220, 245



239, 222, 243

Rectangle

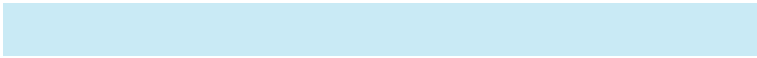
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250, 227, 210



211, 233, 205



201, 220, 245



220, 226, 250

Sweetspot

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



250, 227, 210



255, 248, 242



250, 210, 239



128, 123, 120



0, 0, 0



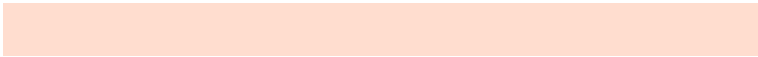
128, 128, 128

Same Dimension

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



250, 227, 210



255, 227, 207



222, 250, 210



125, 118, 112



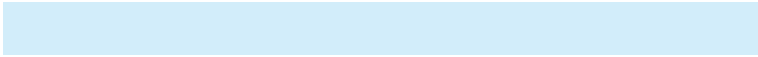
189, 80, 0



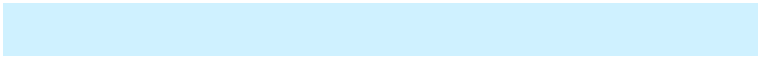
61, 26, 0

Inverse Universe

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



210, 226, 250



207, 227, 255



210, 217, 250



112, 117, 125



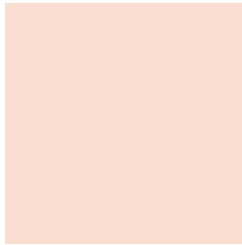
0, 78, 189



0, 25, 61

Previews

White Background



This preview shows how the RYB color 250, 227, 210 looks on a white background.

Color Contrast Check

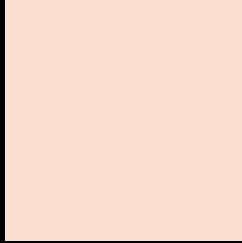
Large Text (above 18pt) WCAG AA × Fail

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, 227, 210 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

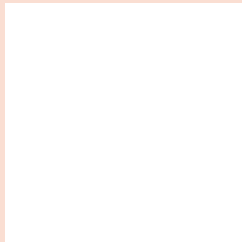
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 250, 227, 210 Background



This preview shows how black text looks on a background with the RYB color 250, 227, 210.

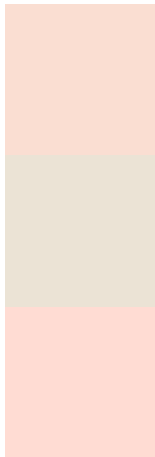


This preview shows how white text looks on a background with the RYB color 250, 227, 210.

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, 227, 210

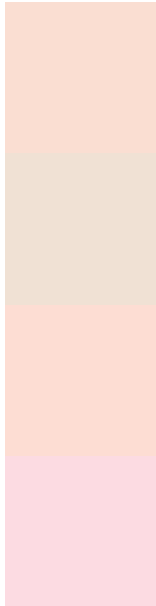
Protanopia
226, 235, 213

Deuteranopia
255, 222, 211



Tritanopia
253, 218, 235

Trichromacy



Original Color

250, 227, 210

Protanomaly

240, 236, 212

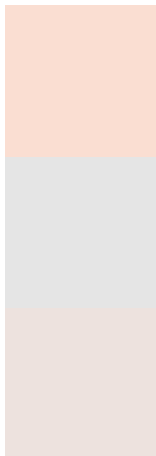
Deuteranomaly

253, 224, 211

Tritanomaly

252, 219, 226

Monochromacy



Original Color

250, 227, 210

Achromatopsia

229, 229, 229

Achromatomaly

237, 227, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 227, 210 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, 222, 210) looks like.

```
.text, #text, p{  
    color:rgb(250, 222, 210)  
}
```

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, 222, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 222, 210) }
```

Border

The CSS property to change the border of an element to RYB 250, 227, 210 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, 222, 210) }
```

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

```
.border{ border-color:rgb(250, 222, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 222, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 222, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 222, 210);  
box-shadow:4px 4px 4px 4px rgb(250, 222,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 250, 227, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 222, 210) }
```

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

```
.background{ background-color: rgb(250,  
222, 210) }
```

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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