

Converting Colors

`RYB(221, 209, 164)`

Have a look what the booklet for
RYB(221, 209, 164) contains.

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Color

R_YB(221, 209, 164)

Conversions

Conversions Part 1

Format	Color
Hex	DDBDA4
RGB	221, 189, 164
RGB Percent	87%, 74%, 64%
CMY	0.1333, 0.2582, 0.3569
CMYK	0.00, 0.14, 0.26, 0.13
HSL	26°, 46%, 75%
HSV	26°, 26%, 87%
XYZ	54.7489, 54.5110, 42.7581
YIQ	195.7180, 27.0970, -0.9910

Conversions

Conversions Part 2

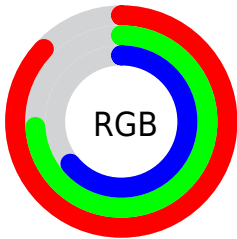
Format	Color
R _Y B	221, 209, 164
Decimal	14532004
CIE Lab	78.76, 7.58, 16.92
CIE LCh	79, 18.538, 65.870
Yxy	54.5110, 0.3601, 0.3586
Android (android.graphics.Color)	4292722084 (0xFFDDBDA4)
YUV	195.7180, -15.6370, 22.1723
Hunter-Lab	73.8316, 3.1593, 17.3455

Details

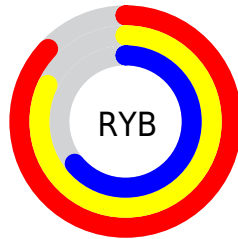
The RYB color **221, 209, 164** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **164, 184, 221**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **233, 255, 219**, and **165, 156, 112** is the 20% darker color. If you saturate the color by 10%, you get **221, 205, 142**, and if you desaturate by 10%, it is **221, 212, 186**.

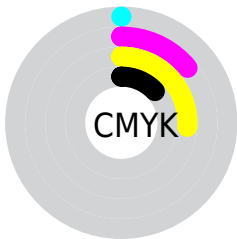
Distribution



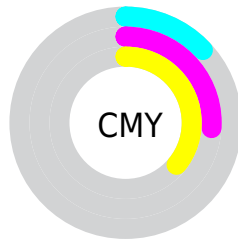
- Red (87%)
- Green (74%)
- Blue (64%)



- Red (87%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (14%)
- Yellow (26%)
- Black (13%)



- Cyan (13%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 209, 164 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 221, 209, 164 by changing the saturation by 10% instead.


 221, 209, 164

255, 255, 255


 233, 255, 219

 248, 255, 248

 221, 209, 164


 193, 181, 138


 165, 156, 112

 138, 131, 88

 112, 105, 64

 87, 81, 42

 63, 59, 21

 41, 39, 0

 6, 0, 0


 0, 0, 0


 221, 209, 164


 221, 209, 164


 221, 205, 142


 221, 212, 186

 221, 198, 120


 221, 219, 208


 221, 194, 98


 221, 224, 230


 221, 191, 76


 221, 232, 252


 221, 184, 54

 221, 237, 255

 221, 182, 31

 221, 238, 255

 221, 178, 9

 221, 173, 0

Harmonies

Analogous

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



230, 187, 175



221, 209, 164



174, 205, 161

Triad

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



221, 209, 164



153, 181, 205



202, 189, 223

Complementary

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



221, 209, 164



164, 184, 221

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.



180, 191, 229



221, 209, 164



150, 179, 214

Square

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



221, 209, 164



167, 194, 204



160, 185, 226



221, 185, 209

Rectangle

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



221, 209, 164



164, 198, 170



160, 185, 226



195, 191, 226

Sweetspot

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



221, 209, 164



255, 251, 235



221, 164, 196



128, 123, 115



0, 0, 0



128, 128, 128

Same Dimension

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



221, 209, 164



255, 239, 176



168, 221, 164



110, 108, 99



173, 136, 0



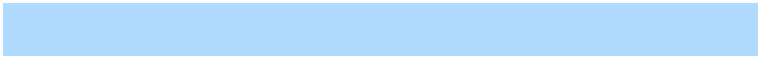
46, 35, 0

Inverse Universe

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



164, 184, 221



176, 204, 255



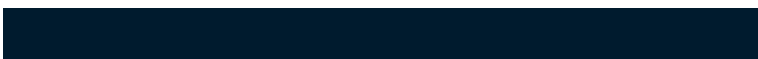
164, 168, 221



99, 103, 110



0, 62, 173



0, 17, 46

Previews

White Background



This preview shows how the RYB color 221, 209, 164 looks on a white background.

Color Contrast Check

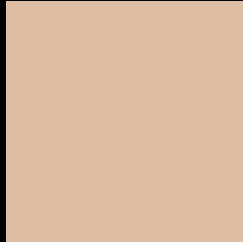
Large Text (above 18pt) WCAG AA × Fail

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 221, 209, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

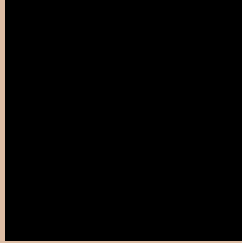
Any Text WCAG AA ✓ Pass

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 221, 209, 164 Background



This preview shows how black text looks on a background with the RYB color 221, 209, 164.







This preview shows how white text looks on a background with the RYB color 221, 209, 164.

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 221, 209, 164
	Protanopia 181, 205, 167
	Deuteranopia 225, 204, 164



Tritanopia
225, 184, 199

Trichromacy



Original Color

221, 209, 164

Protanomaly

196, 211, 166

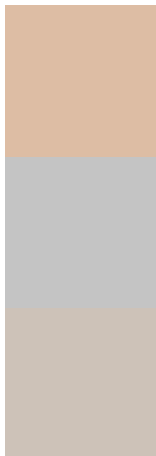
Deuteranomaly

224, 204, 164

Tritanomaly

224, 186, 186

Monochromacy



Original Color

221, 209, 164

Achromatopsia

196, 196, 196

Achromatomaly

205, 203, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 209, 164 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(221, 189, 164)` looks like.

```
.text, #text, p{  
    color:rgb(221, 189, 164)  
}
```

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(221, 189, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 189, 164) }
```

Border

The CSS property to change the border of an element to RYB 221, 209, 164 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(221, 189, 164) }
```

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

```
.border{ border-color:rgb(221, 189, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 189, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 189, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 189, 164);  
box-shadow:4px 4px 4px 4px rgb(221, 189,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 221, 209, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 189, 164) }
```

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

```
.background{ background-color: rgb(221,  
189, 164) }
```

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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