

Converting Colors

`RYB(221, 171, 142)`

Have a look what the booklet for
RYB(221, 171, 142) contains.

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Color

RYB(221, 171, 142)

Conversions

Conversions Part 1

Format	Color
Hex	DDA38E
RGB	221, 163, 142
RGB Percent	87%, 64%, 56%
CMY	0.1333, 0.3599, 0.4431
CMYK	0.00, 0.26, 0.36, 0.13
HSL	16°, 54%, 71%
HSV	16°, 36%, 87%
XYZ	47.8363, 43.5952, 31.4847
YIQ	177.9480, 41.3090, 5.7650

Conversions

Conversions Part 2

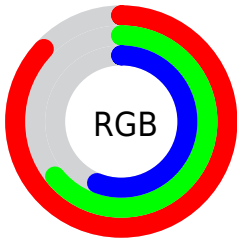
Format	Color
R _Y B	221, 171, 142
Decimal	14525326
CIE Lab	71.96, 18.59, 19.40
CIE LCh	72, 26.869, 46.210
Yxy	43.5952, 0.3892, 0.3547
Android (android.graphics.Color)	4292715406 (0xFFDDA38E)
YUV	177.9480, -17.7224, 37.7566
Hunter-Lab	66.0267, 13.7765, 17.9464

Details

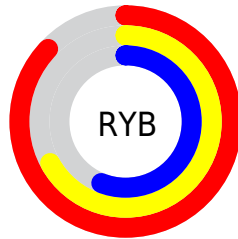
The RYB color **221, 171, 142** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **142, 175, 221**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 231, 196**, and **164, 118, 92** is the 20% darker color. If you saturate the color by 10%, you get **221, 157, 120**, and if you desaturate by 10%, it is **221, 184, 164**.

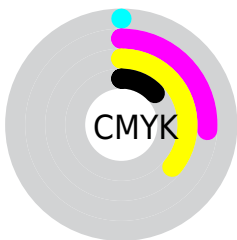
Distribution



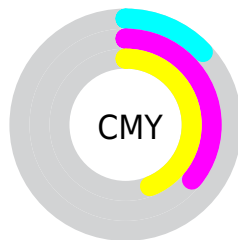
- Red (87%)
- Green (64%)
- Blue (56%)



- Red (87%)
- Yellow (67%)
- Blue (56%)



- Cyan (0%)
- Magenta (26%)
- Yellow (36%)
- Black (13%)





- Cyan (13%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RYB color 221, 171, 142 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, 171, 142 by changing the saturation by 10% instead.

 221, 171, 142

 221, 171, 142

255, 255, 255

 192, 145, 116

 255, 231, 196

 164, 118, 92

 235, 255, 224

 137, 94, 68

252, 255, 252


 110, 69, 46


 84, 47, 25

 59, 28, 0

 36, 0, 0

 0, 0, 0

 221, 171, 142

 221, 171, 142

■ 221, 157, 120

■ 221, 184, 164

■ 221, 143, 98

■ 221, 200, 186

■ 221, 129, 76

■ 221, 214, 208

■ 221, 116, 54

■ 221, 225, 230

■ 221, 101, 31

■ 221, 234, 253

■ 221, 87, 9

■ 221, 238, 255

■ 221, 80, 0

Harmonies

Analogous

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



226, 159, 164



221, 171, 142



191, 205, 129

Triad

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



221, 171, 142



125, 165, 189



165, 173, 223

Complementary

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



221, 171, 142



142, 175, 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.



130, 163, 223



221, 171, 142



106, 148, 190

Square

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



221, 171, 142



142, 186, 175



106, 152, 211



196, 166, 210

Rectangle

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



221, 171, 142



145, 189, 128



106, 152, 211



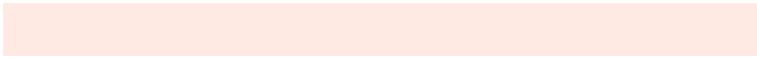
153, 171, 225

Sweetspot

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



221, 171, 142



255, 236, 227



221, 142, 200



128, 116, 111



0, 0, 0



128, 128, 128

Same Dimension

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



221, 171, 142



255, 186, 145



165, 221, 142



110, 103, 99



173, 65, 0



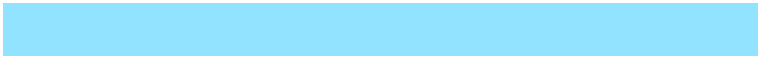
46, 16, 0

Inverse Universe

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



142, 175, 221



145, 192, 255



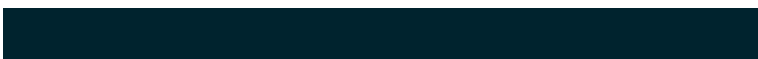
142, 157, 221



99, 104, 110



0, 73, 173



0, 20, 46

Previews

White Background



This preview shows how the RYB color 221, 171, 142 looks on a white background.

Color Contrast Check

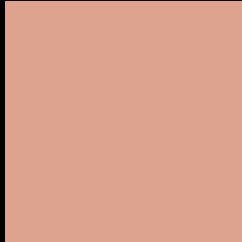
Large Text (above 18pt) WCAG AA × Fail

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, 171, 142 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, 171, 142 Background



This preview shows how black text looks on a background with the RYB color 221, 171, 142.

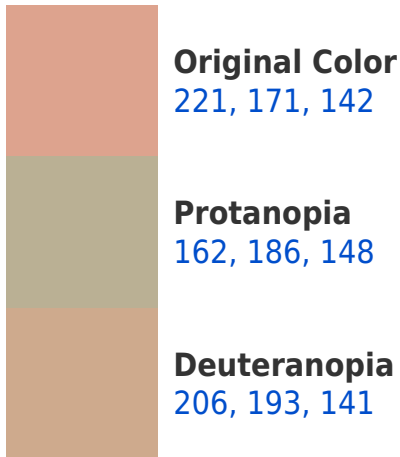



This preview shows how white text looks on a background with the RYB color 221, 171, 142.

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
224, 159, 171

Trichromacy



Original Color
221, 171, 142

Protanomaly
199, 193, 146

Deuteranomaly
211, 185, 141

Tritanomaly
223, 161, 160

Monochromacy



Original Color
221, 171, 142

Achromatopsia
178, 178, 178

Achromatomaly
194, 176, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 171, 142 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, 163, 142)` looks like.

```
.text, #text, p{  
    color:rgb(221, 163, 142)  
}
```

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, 163, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 163, 142) }
```

Border

The CSS property to change the border of an element to RYB 221, 171, 142 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, 163, 142) }
```

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

```
.border{ border-color:rgb(221, 163, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 163, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 163, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 163, 142); box-shadow:4px 4px 4px 4px rgb(221, 163, 142) }
```

Background

The CSS property to change the background color of an element to RGB 221, 171, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 163, 142) }
```

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

```
.background{ background-color: rgb(221,  
163, 142) }
```

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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