

Converting Colors

`RYB(221, 182, 165)`

Have a look what the booklet for
RYB(221, 182, 165) contains.

RYB(221, 182, 165)	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(221, 182, 165)

Conversions

Conversions Part 1

Format	Color
Hex	DDB2A5
RGB	221, 178, 165
RGB Percent	87%, 70%, 65%
CMY	0.1333, 0.3018, 0.3529
CMYK	0.00, 0.19, 0.25, 0.13
HSL	14°, 45%, 76%
HSV	14°, 25%, 87%
XYZ	52.5389, 49.9459, 42.4687
YIQ	189.3750, 29.8010, 5.0730

Conversions

Conversions Part 2

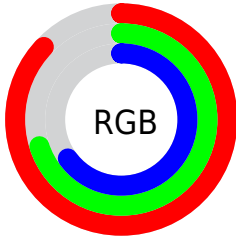
Format	Color
R_{YB}	221, 182, 165
Decimal	14529189
CIE _{Lab}	76.04, 13.64, 12.55
CIE _{LCh}	76, 18.538, 42.629
Yxy	49.9459, 0.3625, 0.3446
Android (android.graphics.Color)	4292719269 (0xFFDDB2A5)
YUV	189.3750, -12.0169, 27.7351
Hunter-Lab	70.6724, 9.0227, 13.8419

Details

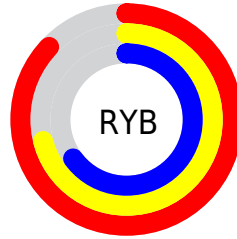
The RYB color **221, 182, 165** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **165, 189, 221**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 243, 220**, and **165, 129, 113** is the 20% darker color. If you saturate the color by 10%, you get **221, 166, 143**, and if you desaturate by 10%, it is **221, 197, 187**.

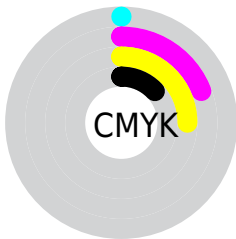
Distribution



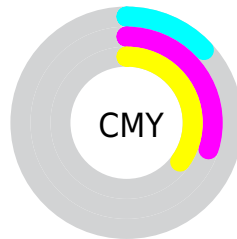
- Red (87%)
- Green (70%)
- Blue (65%)



- Red (87%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (25%)
- Black (13%)




- Cyan (13%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 182, 165 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, 182, 165 by changing the saturation by 10% instead.


 221, 182, 165

255, 255, 255


 255, 243, 220


 249, 255, 249

 221, 182, 165

 193, 154, 139

 165, 129, 113

 138, 103, 89


 112, 79, 65


 87, 56, 43

 62, 35, 23

 40, 13, 0

 0, 0, 0

 221, 182, 165

 221, 182, 165

■ 221, 166, 143

■ 221, 197, 187

■ 221, 151, 121

■ 221, 213, 209

■ 221, 135, 99

■ 221, 225, 231

■ 221, 120, 77

■ 221, 235, 253

■ 221, 104, 55

■ 221, 238, 255

■ 221, 89, 32

■ 221, 74, 10

■ 221, 66, 0

Harmonies

Analogous

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



223, 176, 181



221, 182, 165



208, 210, 155

Triad

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



221, 182, 165



155, 183, 197



178, 185, 221

Complementary

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



221, 182, 165



165, 189, 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.



156, 179, 220



221, 182, 165



144, 171, 197

Square

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



221, 182, 165



162, 194, 182



143, 173, 210



199, 181, 213

Rectangle

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



221, 182, 165



169, 199, 153



143, 173, 210



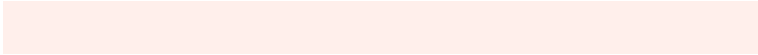
170, 183, 221

Sweetspot

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



221, 182, 165



255, 240, 235



221, 165, 209



128, 119, 115



0, 0, 0



128, 128, 128

Same Dimension

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



221, 182, 165



255, 201, 179



187, 221, 165



110, 101, 99



173, 52, 0



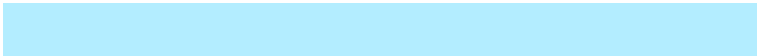
46, 14, 0

Inverse Universe

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



165, 189, 221



179, 212, 255



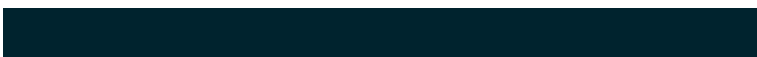
165, 177, 221



99, 104, 110



0, 75, 173



0, 20, 46

Previews

White Background



This preview shows how the RYB color 221, 182, 165 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, 182, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

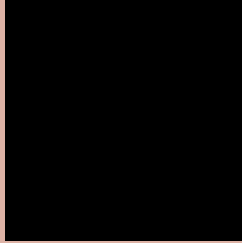
Any Text WCAG AA ✓ Pass

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, 182, 165 Background



This preview shows how black text looks on a background with the RYB color 221, 182, 165.



This preview shows how white text looks on a background with the RYB color 221, 182, 165.

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, 182, 165

Protanopia
182, 195, 170

Deuteranopia
214, 190, 164



Tritanopia

224, 175, 188

Trichromacy



Original Color
221, 182, 165

Protanomaly
204, 197, 168

Deuteranomaly
217, 187, 164

Tritanomaly
223, 176, 180

Monochromacy



Original Color
221, 182, 165

Achromatopsia
189, 189, 189

Achromatomaly
201, 187, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 182, 165 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, 178, 165)` looks like.

```
.text, #text, p{  
    color:rgb(221, 178, 165)  
}
```

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, 178, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 178, 165) }
```

Border

The CSS property to change the border of an element to RYB 221, 182, 165 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, 178, 165) }
```

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

```
.border{ border-color:rgb(221, 178, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 178, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 178, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 178, 165);  
box-shadow:4px 4px 4px 4px rgb(221, 178,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 221, 182, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 178, 165) }
```

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

```
.background{ background-color: rgb(221,  
178, 165) }
```

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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