

Converting Colors

`RYB(201, 175, 142)`

Have a look what the booklet for
RYB(201, 175, 142) contains.

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Color

R_YB(201, 175, 142)

Conversions

Conversions Part 1

Format	Color
Hex	C9A38E
RGB	201, 163, 142
RGB Percent	79%, 64%, 56%
CMY	0.2118, 0.3601, 0.4431
CMYK	0.00, 0.19, 0.29, 0.21
HSL	22°, 35%, 67%
HSV	22°, 29%, 79%
XYZ	42.0960, 40.6228, 31.2135
YIQ	171.9680, 29.3890, 1.5250

Conversions

Conversions Part 2

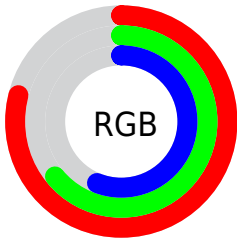
Format	Color
R _Y B	201, 175, 142
Decimal	13214606
CIE Lab	69.91, 10.82, 16.25
CIE LCh	70, 19.523, 56.334
Yxy	40.6228, 0.3695, 0.3566
Android (android.graphics.Color)	4291404686 (0xFFC9A38E)
YUV	171.9680, -14.7742, 25.4611
Hunter-Lab	63.7360, 6.3567, 15.5791

Details

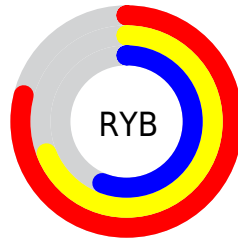
The RYB color **201, 175, 142** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **142, 165, 201**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 231, 196**, and **146, 121, 92** is the 20% darker color. If you saturate the color by 10%, you get **201, 165, 122**, and if you desaturate by 10%, it is **201, 184, 162**.

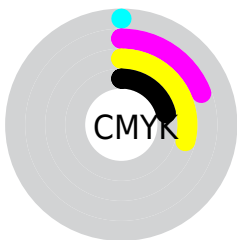
Distribution



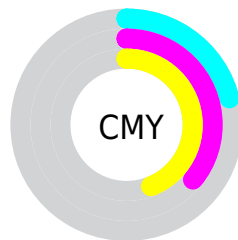
- Red (79%)
- Green (64%)
- Blue (56%)



- Red (79%)
- Yellow (69%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (29%)
- Black (21%)





- Cyan (21%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 175, 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 201, 175, 142 by changing the saturation by 10% instead.

 201, 175, 142

 201, 175, 142

255, 255, 255

 173, 149, 116

 255, 231, 196

 146, 121, 92

 235, 255, 224

 120, 98, 68

252, 255, 252


 94, 75, 46


 69, 53, 25


 47, 38, 0


 22, 0, 0


 0, 0, 0


 201, 175, 142


 201, 175, 142

 201, 165, 122


 201, 184, 162

 201, 156, 102


 201, 193, 182

 201, 147, 82


 201, 202, 202


 201, 140, 62


 201, 209, 222

 201, 131, 42


 201, 217, 243

 201, 123, 21

 201, 224, 255

 201, 114, 1

 201, 227, 255

 201, 112, 0

 201, 228, 255

Harmonies

Analogous

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



208, 159, 156



201, 175, 142



164, 187, 136

Triad

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



201, 175, 142



130, 159, 181



171, 167, 202

Complementary

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



201, 175, 142



142, 165, 201

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.



148, 165, 206



201, 175, 142



122, 153, 186

Square

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



201, 175, 142



147, 175, 179



129, 158, 200



192, 162, 191

Rectangle

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



201, 175, 142



138, 174, 137



129, 158, 200



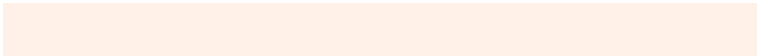
163, 168, 205

Sweetspot

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



201, 175, 142



255, 244, 232



201, 142, 180



128, 123, 113



0, 0, 0



128, 128, 128

Same Dimension

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



201, 175, 142



255, 216, 166



153, 201, 142



99, 95, 90



163, 92, 0



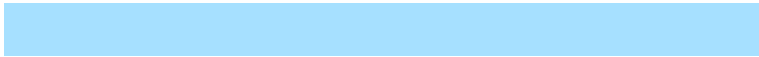
36, 20, 0

Inverse Universe

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



142, 165, 201



166, 201, 255



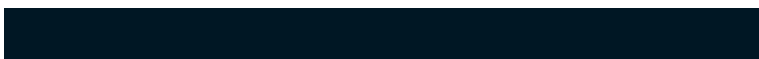
142, 150, 201



90, 94, 99



0, 64, 163



0, 14, 36

Previews

White Background



This preview shows how the RYB color 201, 175, 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 201, 175, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

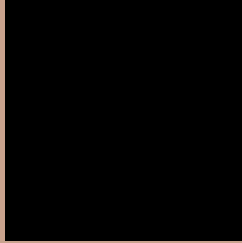
Any Text WCAG AA ✓ Pass

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 201, 175, 142 Background



This preview shows how black text looks on a background with the RYB color 201, 175, 142.



This preview shows how white text looks on a background with the RYB color 201, 175, 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



Original Color
201, 175, 142

Protanopia
158, 180, 146

Deuteranopia
198, 178, 142



Tritanopia
204, 159, 171

Trichromacy



Original Color

201, 175, 142

Protanomaly

182, 188, 145

Deuteranomaly

199, 178, 142

Tritanomaly

203, 161, 160

Monochromacy



Original Color

201, 175, 142

Achromatopsia

172, 172, 172

Achromatomaly

183, 174, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 175, 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(201, 163, 142) looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 163, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 163, 142) }
```

Border

The CSS property to change the border of an element to RYB 201, 175, 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(201, 163, 142) }
```

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

```
.border{ border-color:rgb(201, 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(201, 163, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 163, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 163, 142);  
box-shadow:4px 4px 4px 4px rgb(201, 163,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 201, 163, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 163, 142) }
```

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

```
.background{ background-color: rgb(201,  
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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