

Converting Colors

`RYB(201, 179, 156)`

Have a look what the booklet for
RYB(201, 179, 156) contains.

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Color

R_YB(201, 179, 156)

Conversions

Conversions Part 1

Format	Color
Hex	C9AB9C
RGB	201, 171, 156
RGB Percent	79%, 67%, 61%
CMY	0.2118, 0.3285, 0.3882
CMYK	0.00, 0.15, 0.22, 0.21
HSL	20°, 29%, 70%
HSV	20°, 22%, 79%
XYZ	44.6928, 44.0270, 37.5950
YIQ	178.2600, 22.6950, 1.6950

Conversions

Conversions Part 2

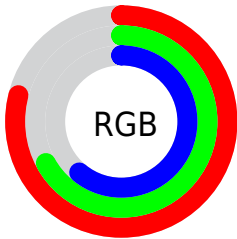
Format	Color
R _Y B	201, 179, 156
Decimal	13216668
CIE Lab	72.25, 8.44, 11.84
CIE LCh	72, 14.538, 54.530
Yxy	44.0270, 0.3538, 0.3486
Android (android.graphics.Color)	4291406748 (0xFFC9AB9C)
YUV	178.2600, -10.9742, 19.9430
Hunter-Lab	66.3529, 4.1133, 12.8538

Details

The RYB color **201, 179, 156** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **156, 174, 201**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 235, 210**, and **146, 126, 105** is the 20% darker color. If you saturate the color by 10%, you get **201, 169, 136**, and if you desaturate by 10%, it is **201, 190, 176**.

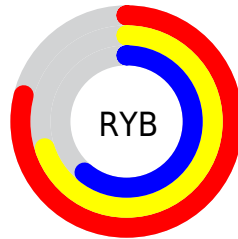
Distribution



Red (79%)

Green (67%)

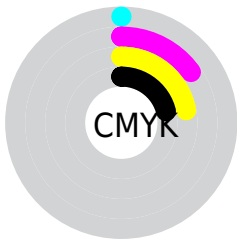
Blue (61%)



Red (79%)

Yellow (70%)

Blue (61%)

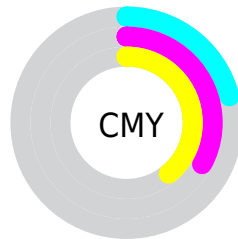


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (21%)



Cyan (21%)


Magenta (33%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RYB color 201, 179, 156 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, 179, 156 by changing the saturation by 10% instead.

 201, 179, 156

 201, 179, 156


255, 255, 255


 173, 153, 130


 255, 237, 210

 146, 126, 105

 239, 255, 239

 120, 101, 81


 95, 78, 58


 71, 54, 36


 47, 34, 15


 26, 1, 0


 0, 0, 0


 201, 179, 156


 201, 179, 156


 201, 169, 136


 201, 190, 176


 201, 160, 116


 201, 199, 196

 201, 149, 96


 201, 207, 216

 201, 139, 76


 201, 215, 236

 201, 130, 56


 201, 223, 255

 201, 120, 35

 201, 227, 255

 201, 110, 15

 201, 228, 255

 201, 103, 0

Harmonies

Analogous

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



206, 169, 167



201, 179, 156



175, 190, 151

Triad

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



201, 179, 156



148, 170, 185



177, 175, 201

Complementary

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



201, 179, 156



156, 174, 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.



160, 173, 203



201, 179, 156



143, 165, 188

Square

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



201, 179, 156



161, 183, 183



147, 168, 198



192, 171, 193

Rectangle

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



201, 179, 156



154, 181, 151



147, 168, 198



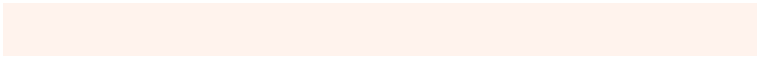
171, 175, 203

Sweetspot

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



201, 179, 156



255, 246, 237



201, 156, 186



128, 123, 117



0, 0, 0



128, 128, 128

Same Dimension

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



201, 179, 156



255, 221, 186



164, 201, 156



99, 95, 90



163, 83, 0



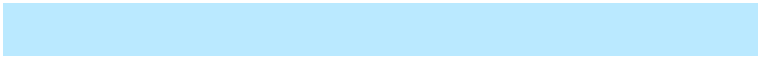
36, 18, 0

Inverse Universe

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



156, 174, 201



186, 214, 255



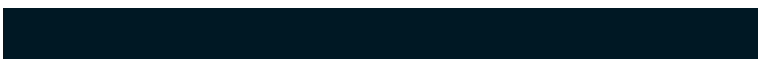
156, 163, 201



90, 94, 99



0, 65, 163



0, 14, 36

Previews

White Background



This preview shows how the RYB color 201, 179, 156 looks on a white background.

Color Contrast Check

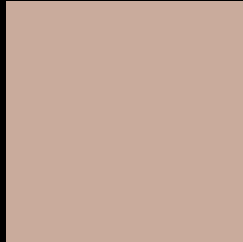
Large Text (above 18pt) WCAG AA × Fail

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, 179, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

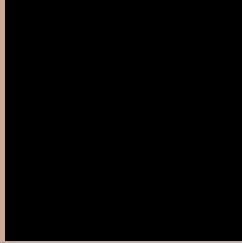
Any Text WCAG AA ✓ Pass

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, 179, 156 Background



This preview shows how black text looks on a background with the RYB color 201, 179, 156.



This preview shows how white text looks on a background with the RYB color 201, 179, 156.

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, 179, 156

Protanopia
171, 185, 159

Deuteranopia
202, 178, 156



Tritanopia
204, 168, 181

Trichromacy



Original Color

201, 179, 156

Protanomaly

189, 191, 158

Deuteranomaly

202, 178, 156

Tritanomaly

203, 169, 172

Monochromacy



Original Color

201, 179, 156

Achromatopsia

178, 178, 178

Achromatomaly

186, 180, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 179, 156 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, 171, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 171, 156)  
}
```

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, 171, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 171, 156) }
```

Border

The CSS property to change the border of an element to RYB 201, 179, 156 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, 171, 156) }
```

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

```
.border{ border-color:rgb(201, 171, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 171, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 171, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 171, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 171,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 201, 179, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 171, 156) }
```

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

```
.background{ background-color: rgb(201,  
171, 156) }
```

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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