

Converting Colors

`RYB(209, 163, 129)`

Have a look what the booklet for
RYB(209, 163, 129) contains.

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Color

R_YB(209, 163, 129)

Conversions

Conversions Part 1

Format	Color
Hex	D19981
RGB	209, 153, 129
RGB Percent	82%, 60%, 51%
CMY	0.1804, 0.4006, 0.4941
CMYK	0.00, 0.27, 0.38, 0.18
HSL	18°, 47%, 66%
HSV	18°, 38%, 82%
XYZ	41.6252, 37.8768, 25.8860
YIQ	167.0080, 41.0800, 4.4080

Conversions

Conversions Part 2

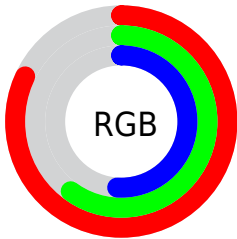
Format	Color
R _{YB}	209, 163, 129
Decimal	13736321
CIE Lab	67.93, 17.94, 20.81
CIE LCh	68, 27.471, 49.240
Yxy	37.8768, 0.3950, 0.3594
Android (android.graphics.Color)	4291926401 (0xFFD19981)
YUV	167.0080, -18.7379, 36.8270
Hunter-Lab	61.5442, 13.0257, 18.1431

Details

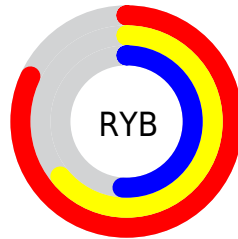
The RYB color **209, 163, 129** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **129, 162, 209**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 222, 182**, and **153, 111, 80** is the 20% darker color. If you saturate the color by 10%, you get **209, 151, 108**, and if you desaturate by 10%, it is **209, 176, 150**.

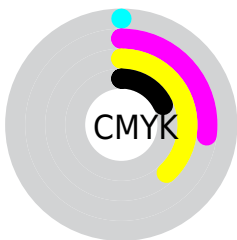
Distribution



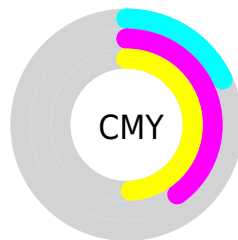
- Red (82%)
- Green (60%)
- Blue (51%)



- Red (82%)
- Yellow (64%)
- Blue (51%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (18%)




- Cyan (18%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RYB color 209, 163, 129 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 209, 163, 129 by changing the saturation by 10% instead.

 209, 163, 129

 209, 163, 129


255, 255, 255

 181, 137, 104

 255, 220, 182

 153, 111, 80

 243, 255, 210

 125, 85, 57

 238, 255, 238

 99, 62, 35

 73, 40, 14

 49, 14, 0

 20, 0, 0

 0, 0, 0

 209, 163, 129

 209, 163, 129

 209, 151, 108

 209, 176, 150

 209, 140, 87

 209, 186, 171

 209, 127, 66

 209, 199, 192

 209, 115, 45

 209, 211, 213

 209, 104, 24

 209, 219, 234

 209, 91, 4

 209, 228, 254

 209, 88, 0

 209, 232, 255

Harmonies

Analogous

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



216, 148, 150



209, 163, 129



167, 191, 117

Triad

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



209, 163, 129



111, 152, 179



157, 162, 212

Complementary

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



209, 163, 129



129, 162, 209

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.



121, 154, 214



209, 163, 129



91, 135, 181

Square

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



209, 163, 129



132, 175, 168



94, 141, 202



188, 154, 198

Rectangle

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



209, 163, 129



128, 176, 116



94, 141, 202



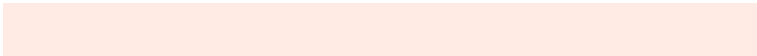
145, 161, 214

Sweetspot

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



209, 163, 129



255, 238, 227



209, 129, 186



128, 118, 111



0, 0, 0



128, 128, 128

Same Dimension

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



209, 163, 129



255, 188, 138



151, 209, 129



105, 98, 94



168, 71, 0



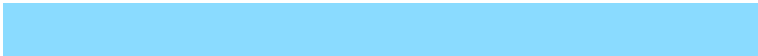
41, 17, 0

Inverse Universe

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



129, 162, 209



138, 186, 255



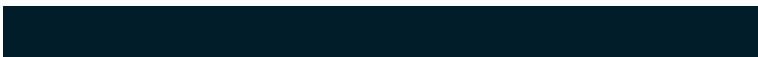
129, 143, 209



94, 98, 105



0, 69, 168



0, 17, 41

Previews

White Background



This preview shows how the RYB color 209, 163, 129 looks on a white background.

Color Contrast Check

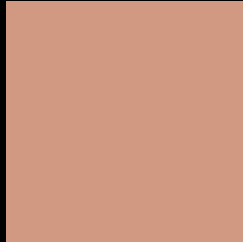
Large Text (above 18pt) WCAG AA × Fail

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 209, 163, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

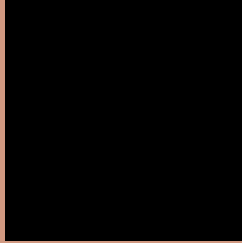
Any Text WCAG AA ✓ Pass

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 209, 163, 129 Background



This preview shows how black text looks on a background with the RYB color 209, 163, 129.



This preview shows how white text looks on a background with the RYB color 209, 163, 129.

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
209, 163, 129

Protanopia
148, 176, 135

Deuteranopia
195, 186, 128



Tritanopia
212, 149, 160

Trichromacy



Original Color
209, 163, 129

Protanomaly
186, 188, 133

Deuteranomaly
200, 177, 128

Tritanomaly
211, 150, 149

Monochromacy



Original Color
209, 163, 129

Achromatopsia
167, 167, 167

Achromatomaly
182, 166, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 163, 129 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(209, 153, 129)` looks like.

```
.text, #text, p{  
    color:rgb(209, 153, 129)  
}
```

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(209, 153, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 153, 129) }
```

Border

The CSS property to change the border of an element to RYB 209, 163, 129 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(209, 153, 129) }
```

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

```
.border{ border-color:rgb(209, 153, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 153, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 153, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 153, 129); box-shadow:4px 4px 4px 4px rgb(209, 153, 129) }
```

Background

The CSS property to change the background color of an element to RGB 209, 153, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 153, 129) }
```

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

```
.background{ background-color: rgb(209,  
153, 129) }
```

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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