

Converting Colors

`RYB(219, 198, 129)`

Have a look what the booklet for
RYB(219, 198, 129) contains.

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Color

R_YB(219, 198, 129)

Conversions

Conversions Part 1

Format	Color
Hex	DBA881
RGB	219, 168, 129
RGB Percent	86%, 66%, 51%
CMY	0.1412, 0.3410, 0.4941
CMYK	0.00, 0.23, 0.41, 0.14
HSL	26°, 56%, 68%
HSV	26°, 41%, 86%
XYZ	47.1889, 44.6712, 26.9042
YIQ	178.8030, 42.9150, -1.3170

Conversions

Conversions Part 2

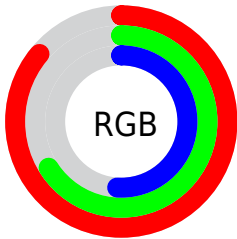
Format	Color
R_{YB}	219, 198, 129
Decimal	14395521
CIE _{Lab}	72.67, 13.70, 27.39
CIE _{LCh}	73, 30.620, 63.427
Yxy	44.6712, 0.3973, 0.3761
Android (android.graphics.Color)	4292585601 (0xFFDBA881)
YUV	178.8030, -24.5529, 35.2528
Hunter-Lab	66.8365, 9.0634, 22.9192

Details

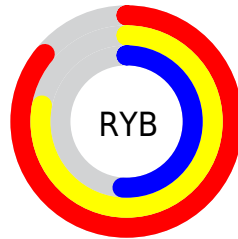
The RYB color **219, 198, 129** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **129, 162, 219**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **239, 255, 182**, and **162, 146, 79** is the 20% darker color. If you saturate the color by 10%, you get **219, 194, 107**, and if you desaturate by 10%, it is **219, 202, 151**.

Distribution



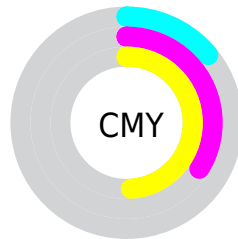
- Red (86%)
- Green (66%)
- Blue (51%)



- Red (86%)
- Yellow (78%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (14%)



- Cyan (14%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 198, 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 219, 198, 129 by changing the saturation by 10% instead.

 219, 198, 129

255, 255, 255

 239, 255, 182


 213, 255, 210

 238, 255, 238

 219, 198, 129

 190, 172, 104

 162, 146, 79

 135, 119, 56

 108, 97, 34

 82, 74, 12

 57, 41, 0

 33, 0, 0

 0, 0, 0

 219, 198, 129

 219, 198, 129

 219, 194, 107

 219, 202, 151

 219, 187, 85

 219, 208, 173

 219, 184, 63


 219, 212, 195

 219, 177, 41

 219, 219, 217

 219, 171, 20

 219, 226, 239

 219, 168, 0

 219, 233, 255

 219, 237, 255

Harmonies

Analogous

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



233, 162, 149



219, 198, 129



144, 195, 122

Triad

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



219, 198, 129



102, 151, 194



186, 170, 225

Complementary

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



219, 198, 129



129, 162, 219

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.



147, 171, 234



219, 198, 129



89, 144, 208

Square

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



219, 198, 129



132, 176, 191



108, 156, 228



217, 161, 204

Rectangle

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



219, 198, 129



126, 183, 134



108, 156, 228



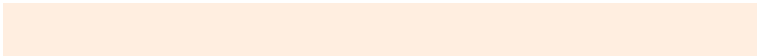
174, 173, 230

Sweetspot

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



219, 198, 129



255, 250, 224



219, 129, 180



128, 121, 110



0, 0, 0



128, 128, 128

Same Dimension

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



219, 198, 129



255, 225, 130



135, 219, 129



110, 105, 99



173, 132, 0



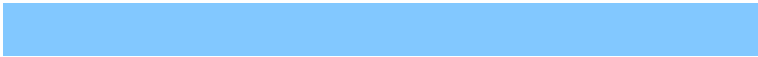
46, 35, 0

Inverse Universe

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



129, 162, 219



130, 175, 255



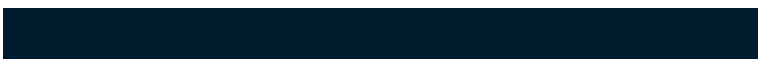
129, 135, 219



99, 103, 110



0, 63, 173



0, 17, 46

Previews

White Background



This preview shows how the RYB color 219, 198, 129 looks on a white background.

Color Contrast Check

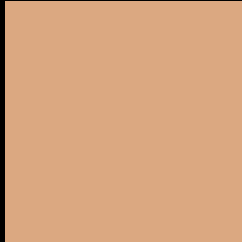
Large Text (above 18pt) WCAG AA × Fail

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 219, 198, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

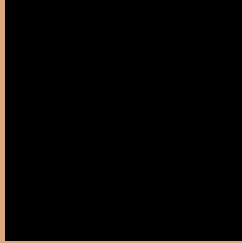
Any Text WCAG AA ✓ Pass

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 219, 198, 129 Background



This preview shows how black text looks on a background with the RYB color 219, 198, 129.



This preview shows how white text looks on a background with the RYB color 219, 198, 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
219, 198, 129

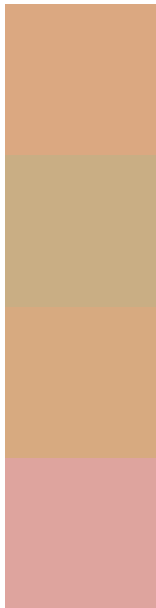
Protanopia
151, 191, 134

Deuteranopia
208, 212, 128



Tritanopia
223, 162, 174

Trichromacy



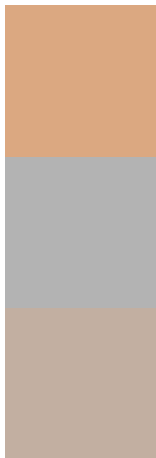
Original Color
219, 198, 129

Protanomaly
176, 201, 132

Deuteranomaly
215, 209, 128

Tritanomaly
222, 165, 158

Monochromacy



Original Color
219, 198, 129

Achromatopsia
179, 179, 179

Achromatomaly
194, 185, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 198, 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(219, 168, 129)` looks like.

```
.text, #text, p{  
    color:rgb(219, 168, 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(219, 168, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 168, 129) }
```

Border

The CSS property to change the border of an element to RYB 219, 198, 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(219, 168, 129) }
```

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

```
.border{ border-color:rgb(219, 168, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 168, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 168, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 168, 129);  
box-shadow:4px 4px 4px 4px rgb(219, 168,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 219, 198, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 168, 129) }
```

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

```
.background{ background-color: rgb(219,  
168, 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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