

Converting Colors

`RYB(189, 208, 129)`

Have a look what the booklet for
RYB(189, 208, 129) contains.

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Color

R_YB(189, 208, 129)

Conversions

Conversions Part 1

Format	Color
Hex	D0AE81
RGB	208, 174, 129
RGB Percent	82%, 68%, 51%
CMY	0.1843, 0.3180, 0.4941
CMYK	0.00, 0.16, 0.38, 0.18
HSL	34°, 46%, 66%
HSV	34°, 38%, 82%
XYZ	45.0915, 45.2281, 27.1222
YIQ	179.0360, 34.7090, -6.7870

Conversions

Conversions Part 2

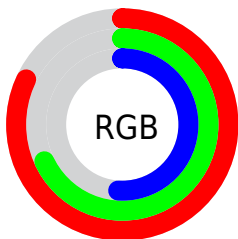
Format	Color
R_{YB}	189, 208, 129
Decimal	13676161
CIE Lab	73.04, 6.16, 27.68
CIE LCh	73, 28.358, 77.452
Yxy	45.2281, 0.3839, 0.3851
Android (android.graphics.Color)	4291866241 (0xFFD0AE81)
YUV	179.0360, -24.6677, 25.4014
Hunter-Lab	67.2518, 1.9912, 23.1650

Details

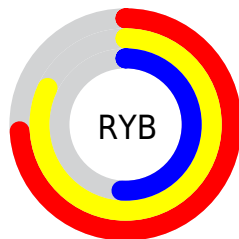
The RYB color **189, 208, 129** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **129, 153, 208**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **222, 255, 182**, and **130, 152, 79** is the 20% darker color. If you saturate the color by 10%, you get **183, 208, 108**, and if you desaturate by 10%, it is **194, 208, 150**.

Distribution



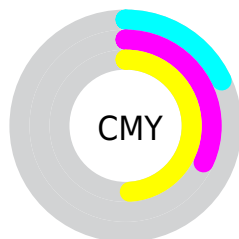
- Red (82%)
- Green (68%)
- Blue (51%)



- Red (74%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (38%)
- Black (18%)



- Cyan (18%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RYB color 189, 208, 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 189, 208, 129 by changing the saturation by 10% instead.


 189, 208, 129

 189, 208, 129


255, 255, 255

 162, 180, 104

 222, 255, 182

 130, 152, 79

 210, 255, 210

 103, 125, 56

 238, 255, 238

 76, 99, 33

 47, 74, 11

 33, 50, 0

 26, 8, 0


 0, 0, 0

 189, 208, 129


 189, 208, 129

 183, 208, 108

 194, 208, 150

 178, 208, 87

 199, 208, 171

 175, 208, 67

 203, 208, 191

 169, 208, 46

 208, 209, 212

 164, 208, 25

 208, 216, 233

 159, 208, 4

 208, 222, 254

 159, 208, 0

 208, 226, 255

 208, 229, 255

 208, 232, 255

Harmonies

Analogous

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



226, 176, 142



189, 208, 129



129, 182, 129

Triad

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



189, 208, 129



103, 149, 194



202, 168, 215

Complementary

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



189, 208, 129



129, 153, 208

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.



168, 175, 229



189, 208, 129



104, 153, 217

Square

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



189, 208, 129



124, 167, 193



131, 166, 229



224, 161, 191

Rectangle

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



189, 208, 129



137, 187, 161



131, 166, 229



191, 170, 221

Sweetspot

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



189, 208, 129



248, 255, 227



208, 129, 163



126, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



189, 208, 129



228, 255, 138



129, 208, 134



103, 105, 94



126, 168, 0



32, 41, 0

Inverse Universe

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



129, 153, 208



138, 173, 255



134, 129, 208



94, 97, 105



0, 51, 168



0, 13, 41

Previews

White Background



This preview shows how the RYB color 189, 208, 129 looks on a white background.

Color Contrast Check

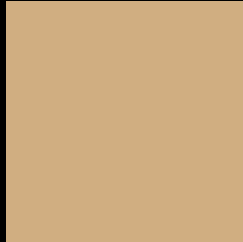
Large Text (above 18pt) WCAG AA × Fail

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 189, 208, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

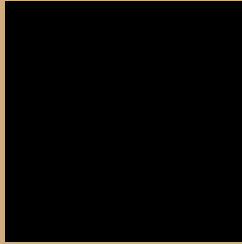
Any Text WCAG AA ✓ Pass

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](#).

RYP 189, 208, 129 Background



This preview shows how black text looks on a background with the RYP color 189, 208, 129.



This preview shows how white text looks on a background with the RYP color 189, 208, 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
189, 208, 129

Protanopia
149, 193, 131

Deuteranopia
209, 213, 129



Tritanopia
213, 167, 180

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 208, 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(208, 174, 129)` looks like.

```
.text, #text, p{  
    color:rgb(208, 174, 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(208, 174, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 174, 129) }
```

Border

The CSS property to change the border of an element to RYB 189, 208, 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(208, 174, 129) }
```

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

```
.border{ border-color:rgb(208, 174, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 174, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 174, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 174, 129);  
box-shadow:4px 4px 4px 4px rgb(208, 174,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 189, 208, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 174, 129) }
```

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

```
.background{ background-color: rgb(208,  
174, 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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