

Converting Colors

`RYB(225, 210, 129)`

Have a look what the booklet for
RYB(225, 210, 129) contains.

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Color

R_YB(225, 210, 129)

Conversions

Conversions Part 1

Format	Color
Hex	E1AD81
RGB	225, 173, 129
RGB Percent	88%, 68%, 51%
CMY	0.1176, 0.3218, 0.4941
CMYK	0.00, 0.23, 0.43, 0.12
HSL	27°, 62%, 69%
HSV	27°, 43%, 88%
XYZ	49.9444, 47.4537, 27.2960
YIQ	183.5320, 45.1160, -2.6600

Conversions

Conversions Part 2

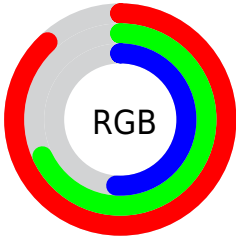
Format	Color
R_{YB}	225, 210, 129
Decimal	14790017
CIE _{Lab}	74.48, 13.48, 29.89
CIE _{LCh}	74, 32.790, 65.723
Yxy	47.4537, 0.4005, 0.3806
Android (android.graphics.Color)	4292980097 (0xFFE1AD81)
YUV	183.5320, -26.8843, 36.3674
Hunter-Lab	68.8866, 8.8649, 24.7273

Details

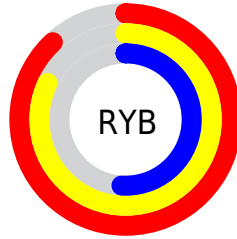
The RYB color **225, 210, 129** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **129, 163, 225**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **225, 255, 182**, and **168, 159, 79** is the 20% darker color. If you saturate the color by 10%, you get **225, 208, 106**, and if you desaturate by 10%, it is **225, 212, 152**.

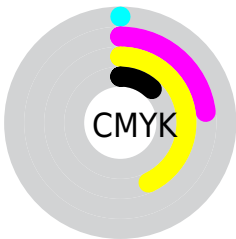
Distribution



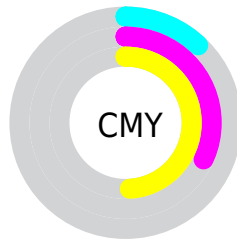
- Red (88%)
- Green (68%)
- Blue (51%)



- Red (88%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (43%)
- Black (12%)



- Cyan (12%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 210, 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 225, 210, 129 by changing the saturation by 10% instead.

 225, 210, 129

255, 255, 255


 225, 255, 182


 210, 255, 210


 238, 255, 238

 225, 210, 129

 196, 181, 104

 168, 159, 79

 140, 132, 56

 113, 109, 33

 84, 86, 11

 61, 52, 0

 37, 6, 0


 0, 0, 0

 225, 210, 129


 225, 210, 129

 225, 208, 106


 225, 212, 152

 225, 205, 84


 225, 216, 174

 225, 199, 61

 225, 223, 196

 225, 196, 39

 225, 225, 219

 225, 194, 16

 225, 231, 241

 225, 190, 0

 225, 237, 255

 225, 240, 255

Harmonies

Analogous

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



241, 167, 149



225, 210, 129



143, 199, 123

Triad

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



225, 210, 129



98, 152, 200



195, 173, 232

Complementary

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



225, 210, 129



129, 163, 225

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.



152, 176, 243



225, 210, 129



84, 145, 217

Square

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



225, 210, 129



130, 179, 198



108, 159, 237



226, 164, 209

Rectangle

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



225, 210, 129



128, 189, 140



108, 159, 237



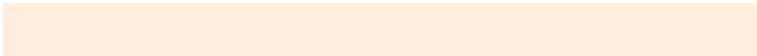
181, 177, 237

Sweetspot

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



225, 210, 129



255, 250, 222



225, 129, 182



128, 123, 107



0, 0, 0



128, 128, 128

Same Dimension

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



225, 210, 129



255, 233, 125



134, 225, 129



112, 110, 101



176, 150, 0



48, 41, 0

Inverse Universe

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



129, 163, 225



125, 171, 255



129, 134, 225



101, 105, 112



0, 62, 176



0, 17, 48

Previews

White Background



This preview shows how the RYB color 225, 210, 129 looks on a white background.

Color Contrast Check

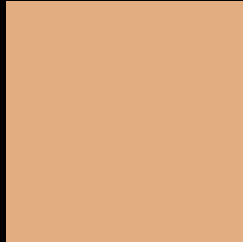
Large Text (above 18pt) WCAG AA × Fail

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 225, 210, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

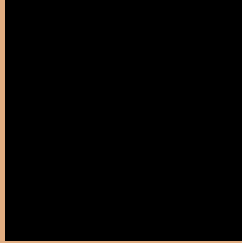
Any Text WCAG AA ✓ Pass

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 225, 210, 129 Background



This preview shows how black text looks on a background with the RYB color 225, 210, 129.



This preview shows how white text looks on a background with the RYB color 225, 210, 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
225, 210, 129

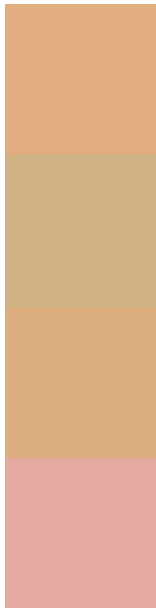
Protanopia
151, 197, 133

Deuteranopia
210, 219, 128



Tritanopia
230, 166, 179

Trichromacy



Original Color
225, 210, 129

Protanomaly
177, 207, 132

Deuteranomaly
219, 221, 128

Tritanomaly
228, 170, 161

Monochromacy



Original Color
225, 210, 129

Achromatopsia
183, 183, 183

Achromatomaly
198, 192, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 210, 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(225, 173, 129)` looks like.

```
.text, #text, p{  
    color:rgb(225, 173, 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(225, 173, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 173, 129) }
```

Border

The CSS property to change the border of an element to RYB 225, 210, 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(225, 173, 129) }
```

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

```
.border{ border-color:rgb(225, 173, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 173, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 173, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 173, 129);  
box-shadow:4px 4px 4px 4px rgb(225, 173,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 225, 210, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 173, 129) }
```

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

```
.background{ background-color: rgb(225,  
173, 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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