

Converting Colors

`RYB(224, 195, 131)`

Have a look what the booklet for
RYB(224, 195, 131) contains.

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Color

R_YB(224, 195, 131)

Conversions

Conversions Part 1

Format	Color
Hex	E0A983
RGB	224, 169, 131
RGB Percent	88%, 66%, 51%
CMY	0.1216, 0.3376, 0.4863
CMYK	0.00, 0.25, 0.42, 0.12
HSL	24°, 60%, 70%
HSV	24°, 42%, 88%
XYZ	49.0086, 45.8288, 27.7355
YIQ	181.1130, 44.9780, -0.1580

Conversions

Conversions Part 2

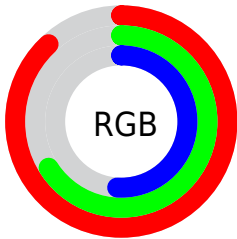
Format	Color
RYB	224, 195, 131
Decimal	14723459
CIELab	73.43, 15.45, 27.42
CIELCh	73, 31.469, 60.598
Yxy	45.8288, 0.3998, 0.3739
Android (android.graphics.Color)	4292913539 (0xFFE0A983)
YUV	181.1130, -24.7057, 37.6119
Hunter-Lab	67.6969, 10.7538, 23.0967

Details

The RYB color **224, 195, 131** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **131, 166, 224**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **239, 255, 184**, and **167, 143, 81** is the 20% darker color. If you saturate the color by 10%, you get **224, 188, 109**, and if you desaturate by 10%, it is **224, 202, 153**.

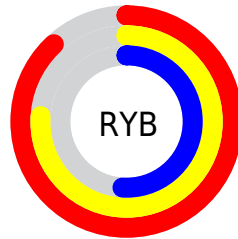
Distribution



Red (88%)

Green (66%)

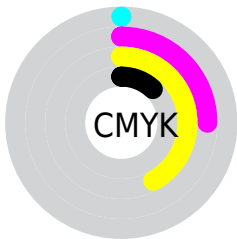
Blue (51%)



Red (88%)

Yellow (76%)

Blue (51%)

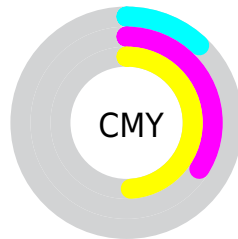


Cyan (0%)

Magenta (25%)

Yellow (42%)

Black (12%)



Cyan (12%)

Magenta (34%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RYB color 224, 195, 131 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 224, 195, 131 by changing the saturation by 10% instead.

 224, 195, 131

 224, 195, 131

255, 255, 255

 195, 166, 106

 239, 255, 184

 167, 143, 81

 214, 255, 212

 139, 117, 58

 240, 255, 240


 112, 93, 35


 86, 72, 14

 60, 40, 0

 37, 0, 0


 0, 0, 0

 224, 195, 131


 224, 195, 131

 224, 188, 109


 224, 202, 153

 224, 180, 86

 224, 207, 176

 224, 173, 64


 224, 217, 198

 224, 168, 41

 224, 223, 221

 224, 161, 19

 224, 231, 243

 224, 153, 0

 224, 238, 255

 224, 240, 255

Harmonies

Analogous

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



237, 162, 152



224, 195, 131



152, 200, 123

Triad

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



224, 195, 131



104, 154, 196



185, 173, 230

Complementary

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



224, 195, 131



131, 166, 224

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.



143, 171, 238



224, 195, 131



87, 144, 209

Square

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



224, 195, 131



136, 182, 194



104, 155, 230



218, 163, 209

Rectangle

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



224, 195, 131



126, 185, 131



104, 155, 230



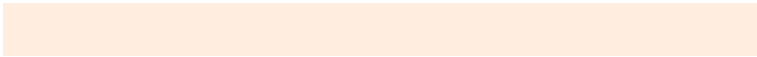
172, 176, 234

Sweetspot

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



224, 195, 131



255, 246, 224



224, 131, 187



128, 121, 110



0, 0, 0



128, 128, 128

Same Dimension

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



224, 195, 131



255, 213, 128



141, 224, 131



112, 110, 101



176, 122, 0



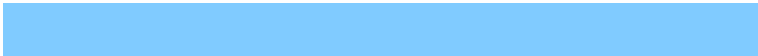
48, 34, 0

Inverse Universe

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



131, 166, 224



128, 175, 255



131, 139, 224



101, 105, 112



0, 65, 176



0, 18, 48

Previews

White Background



This preview shows how the RYB color 224, 195, 131 looks on a white background.

Color Contrast Check

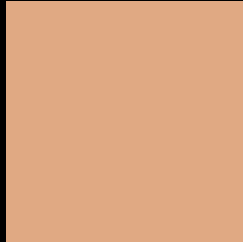
Large Text (above 18pt) WCAG AA × Fail

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 224, 195, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

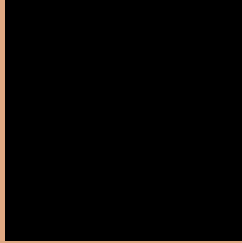
Any Text WCAG AA ✓ Pass

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 224, 195, 131 Background



This preview shows how black text looks on a background with the RYB color 224, 195, 131.

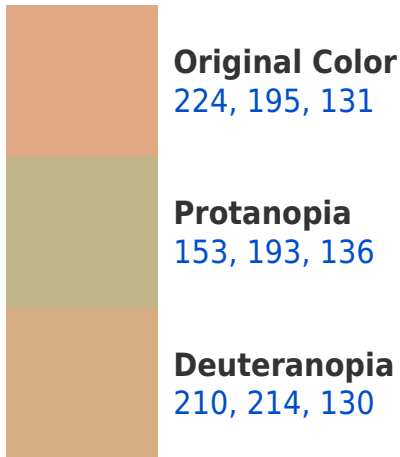



This preview shows how white text looks on a background with the RYB color 224, 195, 131.

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





Tritanopia
228, 163, 175

Trichromacy



Original Color
224, 195, 131

Protanomaly
181, 204, 134

Deuteranomaly
218, 210, 130

Tritanomaly
227, 166, 159

Monochromacy



Original Color
224, 195, 131

Achromatopsia
181, 181, 181

Achromatomaly
197, 187, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 195, 131 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(224, 169, 131)` looks like.

```
.text, #text, p{  
    color:rgb(224, 169, 131)  
}
```

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(224, 169, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 169, 131) }
```

Border

The CSS property to change the border of an element to RYB 224, 195, 131 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(224, 169, 131) }
```

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

```
.border{ border-color:rgb(224, 169, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 169, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 169, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 169, 131);  
box-shadow:4px 4px 4px 4px rgb(224, 169,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 224, 169, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 169, 131) }
```

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

```
.background{ background-color: rgb(224,  
169, 131) }
```

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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