

Converting Colors

`RYB(224, 214, 103)`

Have a look what the booklet for
RYB(224, 214, 103) contains.

RYB(224, 214, 103)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(224, 214, 103)

Conversions

Conversions Part 1

Format	Color
Hex	E0A167
RGB	224, 161, 103
RGB Percent	88%, 63%, 40%
CMY	0.1216, 0.3691, 0.5961
CMYK	0.00, 0.28, 0.54, 0.12
HSL	29°, 66%, 64%
HSV	29°, 54%, 88%
XYZ	45.9147, 42.2787, 18.5726
YIQ	173.2250, 56.1660, -4.6820

Conversions

Conversions Part 2

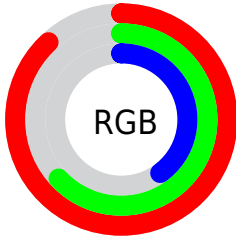
Format	Color
R_{YB}	224, 214, 103
Decimal	14721383
CIE Lab	71.06, 17.05, 39.19
CIE LCh	71, 42.739, 66.487
Yxy	42.2787, 0.4301, 0.3960
Android (android.graphics.Color)	4292911463 (0xFFE0A167)
YUV	173.2250, -34.6209, 44.5297
Hunter-Lab	65.0220, 12.2575, 28.5801

Details

The RYB color **224, 214, 103** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **103, 144, 224**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **219, 255, 155**, and **166, 162, 54** is the 20% darker color. If you saturate the color by 10%, you get **224, 211, 81**, and if you desaturate by 10%, it is **224, 218, 125**.

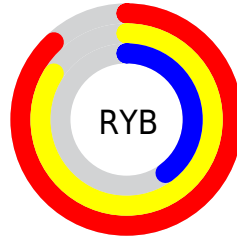
Distribution



Red (88%)

Green (63%)

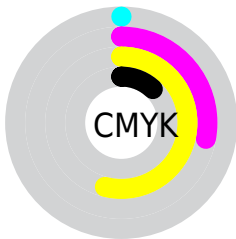
Blue (40%)



Red (88%)

Yellow (84%)

Blue (40%)

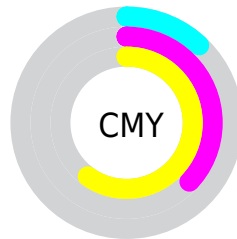


Cyan (0%)

Magenta (28%)

Yellow (54%)

Black (12%)



Cyan (12%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 214, 103 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, 214, 103 by changing the saturation by 10% instead.

 224, 214, 103

 224, 214, 103


255, 255, 255

 195, 189, 78

 219, 255, 155

 166, 162, 54

 195, 255, 182

 131, 137, 30

 210, 255, 210

 94, 109, 5

 239, 255, 239

 83, 74, 0

 56, 27, 0

 33, 0, 0

 0, 0, 0

 224, 214, 103

 224, 214, 103

224, 211, 81

224, 218, 125

224, 212, 58

224, 216, 148

224, 209, 36

224, 220, 170

224, 207, 13

224, 222, 193

224, 205, 0

224, 222, 215

224, 229, 237

224, 236, 255

224, 239, 255

224, 240, 255

Harmonies

Analogous

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



245, 151, 130



224, 214, 103



116, 191, 95

Triad

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



224, 214, 103



18, 109, 194



189, 161, 237

Complementary

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



224, 214, 103



103, 144, 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.



129, 162, 251



224, 214, 103



0, 103, 219

Square

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



224, 214, 103



99, 163, 192



41, 126, 245



230, 148, 206

Rectangle

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



224, 214, 103



102, 182, 120



41, 126, 245



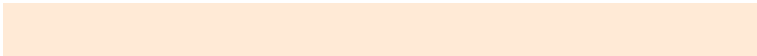
171, 166, 244

Sweetspot

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



224, 214, 103



255, 253, 214



224, 103, 168



128, 126, 103



0, 0, 0



128, 128, 128

Same Dimension

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



224, 214, 103



255, 243, 89



107, 224, 103



112, 110, 101



176, 161, 0



48, 44, 0

Inverse Universe

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



103, 144, 224



89, 146, 255



103, 107, 224



101, 105, 112



0, 60, 176



0, 16, 48

Previews

White Background



This preview shows how the RYB color 224, 214, 103 looks on a white background.

Color Contrast Check

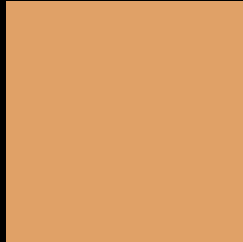
Large Text (above 18pt) WCAG AA × Fail

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, 214, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

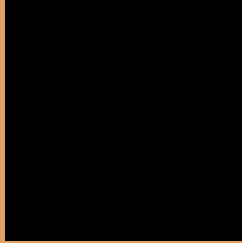
Any Text WCAG AA ✓ Pass

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, 214, 103 Background



This preview shows how black text looks on a background with the RYB color 224, 214, 103.



This preview shows how white text looks on a background with the RYB color 224, 214, 103.

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
224, 214, 103

Protanopia
128, 190, 108

Deuteranopia
181, 212, 102



Tritanopia
229, 153, 165

Trichromacy



Original Color

224, 214, 103

Protanomaly

156, 202, 106

Deuteranomaly

198, 216, 102

Tritanomaly

227, 159, 142

Monochromacy



Original Color

224, 214, 103

Achromatopsia

173, 173, 173

Achromatomaly

192, 188, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 214, 103 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, 161, 103)` looks like.

```
.text, #text, p{  
    color:rgb(224, 161, 103)  
}
```

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, 161, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 161, 103) }
```

Border

The CSS property to change the border of an element to RYB 224, 214, 103 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, 161, 103) }
```

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

```
.border{ border-color:rgb(224, 161, 103) }
```

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

Here you see how a box with a 4 pixel rgb(224, 161, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 161, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 161, 103);  
box-shadow:4px 4px 4px 4px rgb(224, 161,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 224, 214, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 161, 103) }
```

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

```
.background{ background-color: rgb(224,  
161, 103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor