

Converting Colors

`RYB(209, 193, 128)`

Have a look what the booklet for
RYB(209, 193, 128) contains.

RYB(209, 193, 128)	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(209, 193, 128)

Conversions

Conversions Part 1

Format	Color
Hex	D1A480
RGB	209, 164, 128
RGB Percent	82%, 64%, 50%
CMY	0.1804, 0.3566, 0.4980
CMYK	0.00, 0.22, 0.39, 0.18
HSL	27°, 47%, 66%
HSV	27°, 39%, 82%
XYZ	43.4773, 41.6868, 26.1769
YIQ	173.3510, 38.3760, -1.6560

Conversions

Conversions Part 2

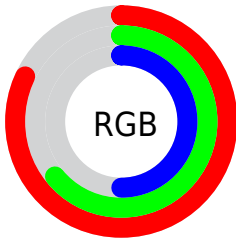
Format	Color
RYB	209, 193, 128
Decimal	13739136
CIELab	70.65, 11.74, 25.04
CIELCh	71, 27.659, 64.881
Yxy	41.6868, 0.3905, 0.3744
Android (android.graphics.Color)	4291929216 (0xFFD1A480)
YUV	173.3510, -22.3580, 31.2642
Hunter-Lab	64.5653, 7.2098, 21.1576

Details

The RYB color **209, 193, 128** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **128, 157, 209**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **251, 255, 181**, and **153, 140, 78** is the 20% darker color. If you saturate the color by 10%, you get **209, 188, 107**, and if you desaturate by 10%, it is **209, 198, 149**.

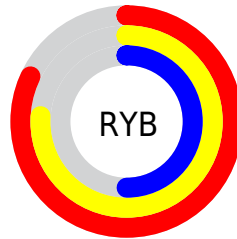
Distribution



Red (82%)

Green (64%)

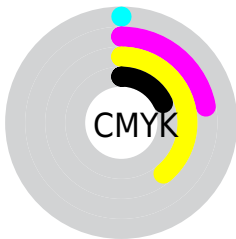
Blue (50%)



Red (82%)

Yellow (76%)

Blue (50%)

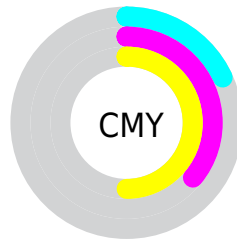


Cyan (0%)

Magenta (22%)

Yellow (39%)

Black (18%)



Cyan (18%)

Magenta (36%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 193, 128 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 209, 193, 128 by changing the saturation by 10% instead.

 209, 193, 128

255, 255, 255

 251, 255, 181

 217, 255, 209

 237, 255, 237

 209, 193, 128

 181, 166, 103

 153, 140, 78

 126, 117, 55

 99, 91, 33

 74, 72, 11

 50, 39, 0

 26, 0, 0

 0, 0, 0

 209, 193, 128

 209, 193, 128

 209, 188, 107

 209, 198, 149

 209, 185, 86

 209, 200, 170

 209, 180, 65

 209, 205, 191

 209, 178, 44

 209, 210, 212

 209, 171, 24

 209, 217, 233

 209, 166, 3

 209, 225, 253

 209, 168, 0

 209, 229, 255

 209, 232, 255

Harmonies

Analogous

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



222, 159, 145



209, 193, 128



141, 187, 123

Triad

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



209, 193, 128



105, 149, 187



182, 165, 214

Complementary

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



209, 193, 128



128, 157, 209

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, 167, 223



209, 193, 128



96, 144, 201

Square

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



209, 193, 128



130, 170, 185



113, 154, 218



209, 157, 195

Rectangle

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



209, 193, 128



127, 178, 136



113, 154, 218



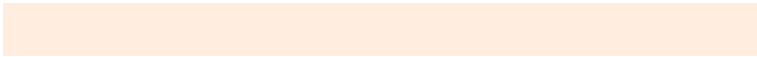
171, 168, 218

Sweetspot

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



209, 193, 128



255, 250, 224



209, 128, 174



128, 124, 110



0, 0, 0



128, 128, 128

Same Dimension

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



209, 193, 128



255, 233, 135



133, 209, 128



105, 103, 94



168, 135, 0



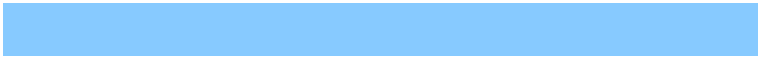
41, 32, 0

Inverse Universe

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



128, 157, 209



135, 178, 255



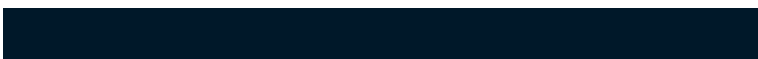
128, 133, 209



94, 98, 105



0, 60, 168



0, 15, 41

Previews

White Background



This preview shows how the RYB color 209, 193, 128 looks on a white background.

Color Contrast Check

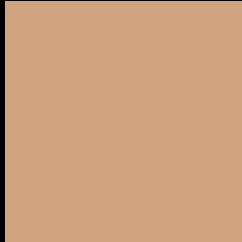
Large Text (above 18pt) WCAG AA × Fail

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 209, 193, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

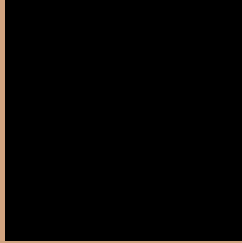
Any Text WCAG AA ✓ Pass

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 209, 193, 128 Background



This preview shows how black text looks on a background with the RYB color 209, 193, 128.



This preview shows how white text looks on a background with the RYB color 209, 193, 128.

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


209, 193, 128

Protanopia

148, 185, 132

Deuteranopia

205, 203, 128



Tritanopia
213, 158, 170

Trichromacy



Original Color
209, 193, 128

Protanomaly
170, 194, 131

Deuteranomaly
206, 198, 128

Tritanomaly
212, 160, 155

Monochromacy



Original Color
209, 193, 128

Achromatopsia
173, 173, 173

Achromatomaly
186, 181, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 193, 128 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(209, 164, 128)` looks like.

```
.text, #text, p{  
    color:rgb(209, 164, 128)  
}
```

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(209, 164, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 164, 128) }
```

Border

The CSS property to change the border of an element to RYB 209, 193, 128 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(209, 164, 128) }
```

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

```
.border{ border-color:rgb(209, 164, 128) }
```

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

Here you see how a box with a 4 pixel rgb(209, 164, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 164, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 164, 128);  
box-shadow:4px 4px 4px 4px rgb(209, 164,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 209, 164, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 164, 128) }
```

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

```
.background{ background-color: rgb(209,  
164, 128) }
```

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