

Converting Colors

`RYB(208, 192, 143)`

Have a look what the booklet for
RYB(208, 192, 143) contains.

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Color

R_YB(208, 192, 143)

Conversions

Conversions Part 1

Format	Color
Hex	D0AB8F
RGB	208, 171, 143
RGB Percent	82%, 67%, 56%
CMY	0.1843, 0.3297, 0.4392
CMYK	0.00, 0.18, 0.31, 0.18
HSL	26°, 41%, 69%
HSV	26°, 31%, 82%
XYZ	45.5217, 44.4957, 32.1759
YIQ	178.8710, 31.0400, -0.8640

Conversions

Conversions Part 2

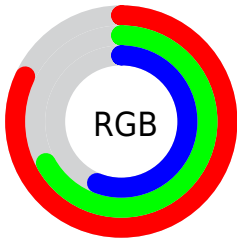
Format	Color
R _Y B	208, 192, 143
Decimal	13675407
CIE Lab	72.56, 9.48, 19.47
CIE LCh	73, 21.657, 64.041
Yxy	44.4957, 0.3725, 0.3641
Android (android.graphics.Color)	4291865487 (0xFFD0AB8F)
YUV	178.8710, -17.6844, 25.5461
Hunter-Lab	66.7051, 5.0801, 18.0944

Details

The RYB color **208, 192, 143** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **143, 167, 208**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 255, 197**, and **153, 139, 93** is the 20% darker color. If you saturate the color by 10%, you get **208, 187, 122**, and if you desaturate by 10%, it is **208, 197, 164**.

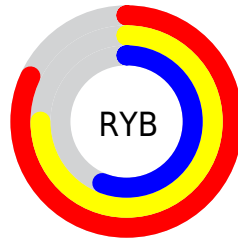
Distribution



Red (82%)

Green (67%)

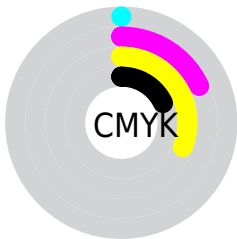
Blue (56%)



Red (82%)

Yellow (75%)

Blue (56%)

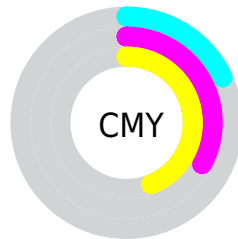


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 192, 143 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 208, 192, 143 by changing the saturation by 10% instead.

 208, 192, 143

255, 255, 255

 255, 255, 197


 225, 255, 225

254, 255, 254

 208, 192, 143

 180, 164, 117

 153, 139, 93

 126, 114, 69

 100, 89, 46

 75, 68, 25

 48, 52, 0

 28, 2, 0


 0, 0, 0

 208, 192, 143


 208, 192, 143

 208, 187, 122


 208, 197, 164

 208, 182, 101


 208, 203, 185

 208, 175, 81


 207, 208, 205

 208, 170, 60

 208, 214, 226

 208, 168, 39

 208, 222, 247

 208, 162, 18

 208, 228, 255

 208, 156, 0

 208, 231, 255

 208, 232, 255

Harmonies

Analogous

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



218, 168, 157



208, 192, 143



155, 190, 139

Triad

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



208, 192, 143



129, 161, 189



185, 172, 211

Complementary

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



208, 192, 143



143, 167, 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.



158, 173, 217



208, 192, 143



123, 158, 199

Square

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



208, 192, 143



146, 178, 188



135, 165, 213



206, 166, 196

Rectangle

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



208, 192, 143



142, 182, 148



135, 165, 213



176, 174, 214

Sweetspot

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



208, 192, 143



255, 250, 232



208, 143, 181



128, 126, 113



0, 0, 0



128, 128, 128

Same Dimension

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



208, 192, 143



255, 232, 158



148, 208, 143



105, 103, 94



168, 126, 0



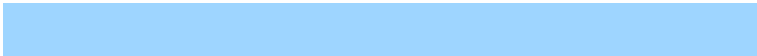
41, 32, 0

Inverse Universe

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



143, 167, 208



158, 193, 255



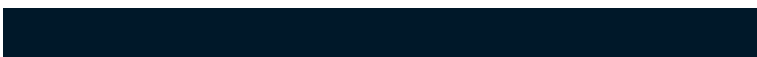
143, 148, 208



94, 98, 105



0, 61, 168



0, 15, 41

Previews

White Background



This preview shows how the RYB color 208, 192, 143 looks on a white background.

Color Contrast Check

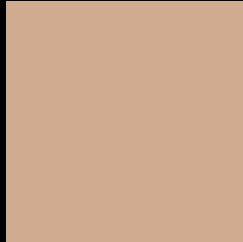
Large Text (above 18pt) WCAG AA × Fail

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 208, 192, 143 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 208, 192, 143 Background



This preview shows how black text looks on a background with the RYB color 208, 192, 143.



This preview shows how white text looks on a background with the RYB color 208, 192, 143.

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
208, 192, 143

Protanopia
161, 189, 146

Deuteranopia
207, 193, 143



Tritanopia
212, 166, 179

Trichromacy



Original Color

208, 192, 143

Protanomaly

181, 196, 145

Deuteranomaly

207, 193, 143

Tritanomaly

211, 168, 166

Monochromacy



Original Color

208, 192, 143

Achromatopsia

179, 179, 179

Achromatomaly

190, 183, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 192, 143 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, 171, 143) looks like.

```
.text, #text, p{  
    color:rgb(208, 171, 143)  
}
```

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, 171, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 171, 143) }
```

Border

The CSS property to change the border of an element to RYB 208, 192, 143 is called "border". The border property can be set on classes, ids or directly on the HTML element.

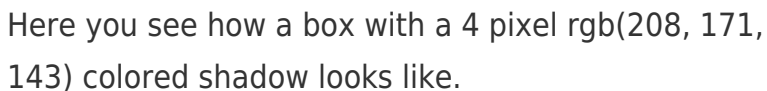
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 171, 143) }
```

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

```
.border{ border-color:rgb(208, 171, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 171, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 171, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 171, 143);  
box-shadow:4px 4px 4px 4px rgb(208, 171,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 208, 171, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 171, 143) }
```

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

```
.background{ background-color: rgb(208,  
171, 143) }
```

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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