

Converting Colors

`RYB(193, 199, 122)`

Have a look what the booklet for
RYB(193, 199, 122) contains.

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Color

R_YB(193, 199, 122)

Conversions

Conversions Part 1

Format	Color
Hex	C7A27A
RGB	199, 162, 122
RGB Percent	78%, 64%, 48%
CMY	0.2196, 0.3645, 0.5216
CMYK	0.00, 0.19, 0.39, 0.22
HSL	31°, 41%, 63%
HSV	31°, 39%, 78%
XYZ	39.9971, 39.4093, 23.9110
YIQ	168.5030, 34.8920, -4.5960

Conversions

Conversions Part 2

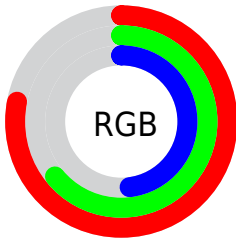
Format	Color
RYB	193, 199, 122
Decimal	13083258
CIELab	69.05, 8.10, 25.97
CIELCh	69, 27.204, 72.668
Yxy	39.4093, 0.3871, 0.3814
Android (android.graphics.Color)	4291273338 (0xFFC7A27A)
YUV	168.5030, -22.9260, 26.7459
Hunter-Lab	62.7769, 3.8684, 21.3609

Details

The RYB color **193, 199, 122** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **122, 147, 199**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **247, 255, 175**, and **138, 144, 73** is the 20% darker color. If you saturate the color by 10%, you get **189, 199, 102**, and if you desaturate by 10%, it is **193, 199, 142**.

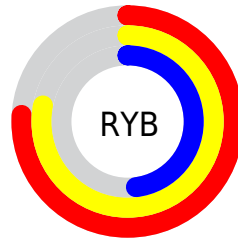
Distribution



Red (78%)

Green (64%)

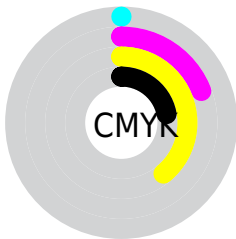
Blue (48%)



Red (76%)

Yellow (78%)

Blue (48%)

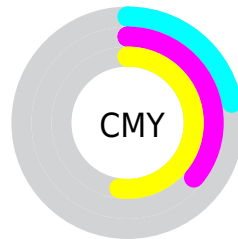


Cyan (0%)

Magenta (19%)

Yellow (39%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 199, 122 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 193, 199, 122 by changing the saturation by 10% instead.

 193, 199, 122

255, 255, 255

 247, 255, 175


 214, 255, 202

 230, 255, 230

 193, 199, 122

 163, 171, 97

 135, 144, 73

 108, 117, 50

 78, 91, 28

 46, 66, 4

 42, 42, 0

 10, 0, 0

 0, 0, 0

 193, 199, 122

 193, 199, 122

 189, 199, 102

 193, 199, 142

 189, 199, 82

 197, 199, 162

 189, 199, 62

 197, 199, 182

 186, 199, 42

 199, 200, 202

 187, 199, 23

 199, 206, 222

 184, 199, 3

 199, 213, 241

 182, 199, 0

 199, 219, 255

 199, 222, 255

 199, 225, 255

Harmonies

Analogous

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



214, 161, 136



193, 199, 122



127, 176, 120

Triad

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



193, 199, 122



98, 141, 182



185, 159, 205

Complementary

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



193, 199, 122



122, 147, 199

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, 164, 216



193, 199, 122



95, 142, 201

Square

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



193, 199, 122



120, 160, 181



118, 154, 215



208, 152, 184

Rectangle

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



193, 199, 122



127, 175, 145



118, 154, 215



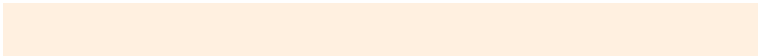
175, 161, 210

Sweetspot

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



193, 199, 122



253, 255, 224



199, 122, 159



128, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



193, 199, 122



245, 255, 138



122, 199, 123



97, 99, 90



150, 163, 0



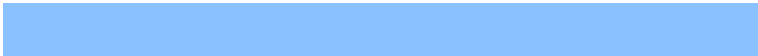
32, 36, 0

Inverse Universe

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



122, 147, 199



138, 176, 255



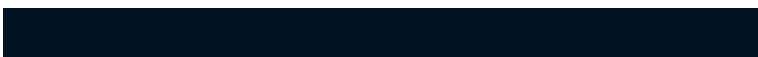
123, 122, 199



90, 93, 99



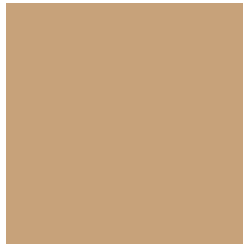
0, 53, 163



0, 12, 36

Previews

White Background



This preview shows how the RYB color 193, 199, 122 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 193, 199, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

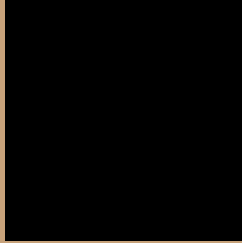
Any Text WCAG AA ✓ Pass

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](#).

R Y B 193, 199, 122 Background



This preview shows how black text looks on a background with the RYB color 193, 199, 122.



This preview shows how white text looks on a background with the RYB color 193, 199, 122.

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
193, 199, 122

Protanopia
140, 181, 125

Deuteranopia
196, 200, 122



Tritanopia
204, 156, 168

Trichromacy



Original Color
193, 199, 122

Protanomaly
158, 188, 124

Deuteranomaly
196, 200, 122

Tritanomaly
202, 159, 151

Monochromacy



Original Color
193, 199, 122

Achromatopsia
169, 169, 169

Achromatomaly
180, 180, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 199, 122 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(199, 162, 122)` looks like.

```
.text, #text, p{  
    color:rgb(199, 162, 122)  
}
```

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(199, 162, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 162, 122) }
```

Border

The CSS property to change the border of an element to RYB 193, 199, 122 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(199, 162, 122) }
```

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

```
.border{ border-color:rgb(199, 162, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 162, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 162, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 162, 122);  
box-shadow:4px 4px 4px 4px rgb(199, 162,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 193, 199, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 162, 122) }
```

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

```
.background{ background-color: rgb(199,  
162, 122) }
```

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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