

Converting Colors

`RYB(193, 200, 162)`

Have a look what the booklet for
RYB(193, 200, 162) contains.

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Color

R_YB(193, 200, 162)

Conversions

Conversions Part 1

Format	Color
Hex	C8B7A2
RGB	200, 183, 162
RGB Percent	78%, 72%, 64%
CMY	0.2157, 0.2826, 0.3647
CMYK	0.00, 0.09, 0.19, 0.22
HSL	33°, 26%, 71%
HSV	33°, 19%, 78%
XYZ	47.2595, 48.7251, 41.0965
YIQ	185.6890, 16.8730, -2.9270

Conversions

Conversions Part 2

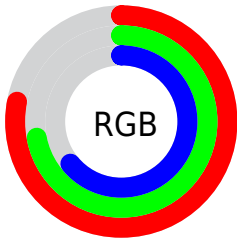
Format	Color
RYB	193, 200, 162
Decimal	13154210
CIELab	75.28, 2.67, 12.84
CIElCh	75, 13.116, 78.272
Yxy	48.7251, 0.3448, 0.3554
Android (android.graphics.Color)	4291344290 (0xFFC8B7A2)
YUV	185.6890, -11.6787, 12.5507
Hunter-Lab	69.8034, -1.3045, 13.9556

Details

The RYB color **193, 200, 162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **162, 174, 200**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **245, 255, 217**, and **139, 146, 110** is the 20% darker color. If you saturate the color by 10%, you get **189, 200, 142**, and if you desaturate by 10%, it is **196, 200, 182**.

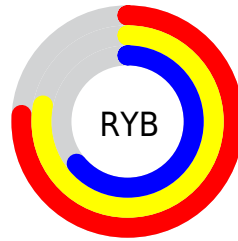
Distribution



Red (78%)

Green (72%)

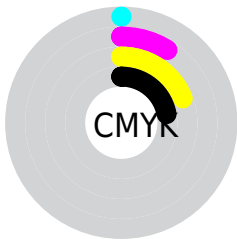
Blue (64%)



Red (76%)

Yellow (78%)

Blue (64%)

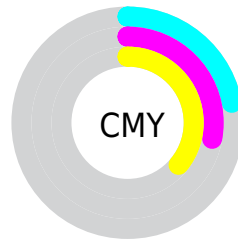


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 200, 162 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, 200, 162 by changing the saturation by 10% instead.

 193, 200, 162

255, 255, 255


 245, 255, 217

 245, 255, 245


 193, 200, 162


 165, 172, 136

 139, 146, 110

 113, 120, 86

 88, 95, 63

 64, 71, 41

 41, 48, 20

 22, 27, 0

 0, 0, 0

 193, 200, 162

 193, 200, 162

 189, 200, 142


 196, 200, 182

 185, 200, 122


 200, 201, 202

 182, 200, 102


 200, 207, 222

 178, 200, 82

 200, 213, 242

 175, 200, 62

 200, 219, 255

 171, 200, 42

 200, 222, 255

 167, 200, 22

 200, 225, 255

 164, 200, 2

 200, 228, 255

 164, 200, 0

Harmonies

Analogous

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



209, 183, 168



193, 200, 162



162, 187, 162

Triad

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



193, 200, 162



155, 174, 193



197, 180, 202

Complementary

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



193, 200, 162



162, 174, 200

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.



182, 184, 208



193, 200, 162



157, 177, 203

Square

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



193, 200, 162



161, 180, 192



167, 181, 209



207, 178, 191

Rectangle

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



193, 200, 162



166, 189, 177



167, 181, 209



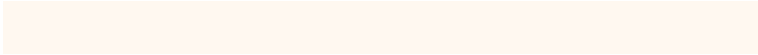
192, 181, 204

Sweetspot

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



193, 200, 162



253, 255, 240



200, 162, 179



128, 126, 119



0, 0, 0



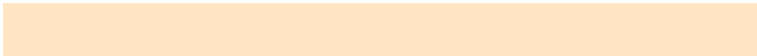
128, 128, 128

Same Dimension

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



193, 200, 162



242, 255, 196



162, 200, 164



97, 99, 90



132, 163, 0



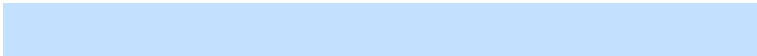
29, 36, 0

Inverse Universe

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



162, 174, 200



196, 215, 255



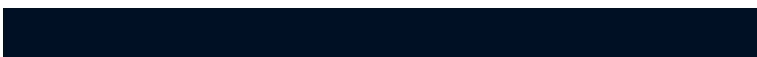
164, 162, 200



90, 93, 99



0, 50, 163



0, 11, 36

Previews

White Background



This preview shows how the RYB color 193, 200, 162 looks on a white background.

Color Contrast Check

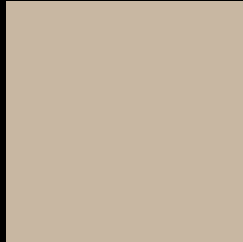
Large Text (above 18pt) WCAG AA × Fail

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, 200, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

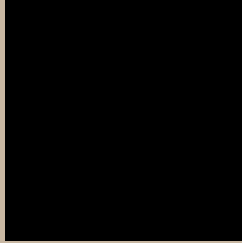
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

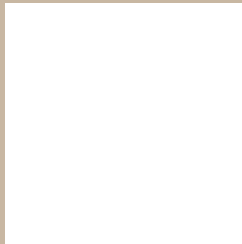
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 193, 200, 162 Background



This preview shows how black text looks on a background with the RYB color 193, 200, 162.



This preview shows how white text looks on a background with the RYB color 193, 200, 162.

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, 200, 162

Protanopia
176, 194, 163

Deuteranopia
212, 187, 163



Tritanopia
204, 179, 192

Trichromacy



Original Color

193, 200, 162

Protanomaly

182, 196, 163

Deuteranomaly

208, 190, 163

Tritanomaly

203, 180, 181

Monochromacy



Original Color

193, 200, 162

Achromatopsia

186, 186, 186

Achromatomaly

188, 191, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 200, 162 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(200, 183, 162) looks like.

```
.text, #text, p{  
    color:rgb(200, 183, 162)  
}
```

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(200, 183, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 183, 162) }
```

Border

The CSS property to change the border of an element to RYB 193, 200, 162 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(200, 183, 162) }
```

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

```
.border{ border-color:rgb(200, 183, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 183, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 183, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 183, 162);  
box-shadow:4px 4px 4px 4px rgb(200, 183,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 193, 200, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 183, 162) }
```

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

```
.background{ background-color: rgb(200,  
183, 162) }
```

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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