

Converting Colors

`RYB(195, 197, 152)`

Have a look what the booklet for
RYB(195, 197, 152) contains.

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Color

R_YB(195, 197, 152)

Conversions

Conversions Part 1

Format	Color
Hex	C5AF98
RGB	197, 175, 152
RGB Percent	77%, 69%, 60%
CMY	0.2275, 0.3137, 0.4039
CMYK	0.00, 0.11, 0.23, 0.23
HSL	31°, 28%, 68%
HSV	31°, 23%, 77%
XYZ	44.0256, 44.8017, 36.0330
YIQ	178.9560, 20.4950, -2.4890

Conversions

Conversions Part 2

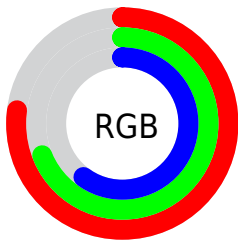
Format	Color
RYB	195, 197, 152
Decimal	12955544
CIELab	72.76, 4.27, 14.70
CIELCh	73, 15.307, 73.787
Yxy	44.8017, 0.3526, 0.3588
Android (android.graphics.Color)	4291145624 (0xFFC5AF98)
YUV	178.9560, -13.2893, 15.8246
Hunter-Lab	66.9341, 0.2731, 14.9360

Details

The RYB color **195, 197, 152** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **152, 167, 197**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **254, 254, 206**, and **139, 143, 101** is the 20% darker color. If you saturate the color by 10%, you get **195, 197, 132**, and if you desaturate by 10%, it is **195, 197, 172**.

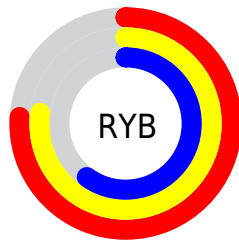
Distribution



Red (77%)

Green (69%)

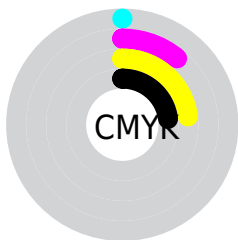
Blue (60%)



Red (76%)

Yellow (77%)

Blue (60%)

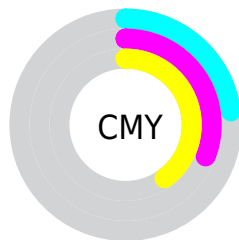


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (23%)



Cyan (23%)

Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 197, 152 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 195, 197, 152 by changing the saturation by 10% instead.


 195, 197, 152

255, 255, 255

 250, 254, 206

 235, 255, 235

 195, 197, 152

 167, 169, 126

 139, 143, 101

 113, 117, 77

 88, 92, 54

 62, 68, 33

 36, 45, 10

 22, 8, 0

 0, 0, 0

 195, 197, 152


 195, 197, 152

 195, 197, 132

 195, 197, 172

 193, 197, 113


 197, 197, 191

 193, 197, 93


 197, 202, 211

 189, 197, 73

 197, 208, 231

 191, 197, 54

 197, 215, 251

 191, 197, 34

 197, 219, 255

 187, 197, 14

 197, 222, 255

 187, 197, 0

 197, 225, 255

 197, 226, 255

Harmonies

Analogous

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



206, 174, 160



195, 197, 152



154, 183, 151

Triad

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



195, 197, 152



143, 166, 187



189, 173, 199

Complementary

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



195, 197, 152



152, 167, 197

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.



171, 177, 206



195, 197, 152



144, 167, 197

Square

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



195, 197, 152



152, 174, 186



154, 172, 205



202, 170, 187

Rectangle

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



195, 197, 152



155, 182, 165



154, 172, 205



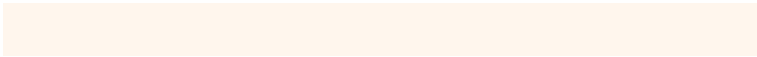
183, 174, 202

Sweetspot

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



195, 197, 152



255, 255, 237



197, 152, 175



126, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



195, 197, 152



253, 255, 186



152, 197, 152



97, 99, 90



157, 163, 0



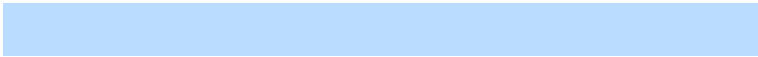
36, 36, 0

Inverse Universe

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



152, 167, 197



186, 209, 255



152, 152, 197



90, 93, 99



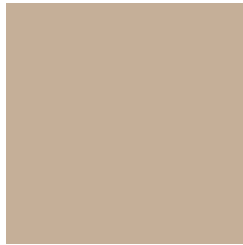
0, 54, 163



0, 12, 36

Previews

White Background



This preview shows how the RYB color 195, 197, 152 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 195, 197, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

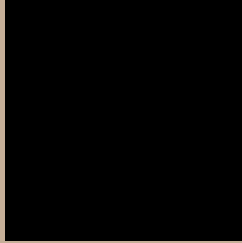
Any Text WCAG AA ✓ Pass

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 195, 197, 152 Background



This preview shows how black text looks on a background with the RYB color 195, 197, 152.



This preview shows how white text looks on a background with the RYB color 195, 197, 152.

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

195, 197, 152

Protanopia

168, 188, 154

Deuteranopia

205, 183, 153



Tritanopia
201, 170, 184

Trichromacy



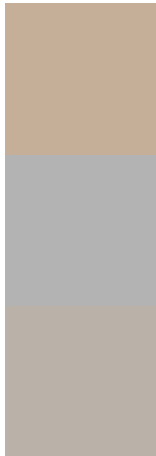
Original Color
195, 197, 152

Protanomaly
175, 191, 153

Deuteranomaly
202, 187, 153

Tritanomaly
200, 172, 172

Monochromacy



Original Color
195, 197, 152

Achromatopsia
179, 179, 179

Achromatomaly
184, 186, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 197, 152 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(197, 175, 152) looks like.

```
.text, #text, p{  
    color:rgb(197, 175, 152)  
}
```

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(197, 175, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 175, 152) }
```

Border

The CSS property to change the border of an element to RYB 195, 197, 152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

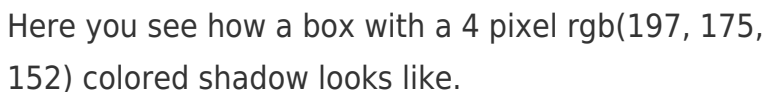
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 175, 152) }
```

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

```
.border{ border-color:rgb(197, 175, 152) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 175, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 175, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 175, 152);  
box-shadow:4px 4px 4px 4px rgb(197, 175,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 195, 197, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 175, 152) }
```

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

```
.background{ background-color: rgb(197,  
175, 152) }
```

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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