

Converting Colors

`RYB(199, 187, 142)`

Have a look what the booklet for
RYB(199, 187, 142) contains.

RYB(199, 187, 142)	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(199, 187, 142)

Conversions

Conversions Part 1

Format	Color
Hex	C7A78E
RGB	199, 167, 142
RGB Percent	78%, 65%, 56%
CMY	0.2196, 0.3445, 0.4431
CMYK	0.00, 0.16, 0.29, 0.22
HSL	26°, 34%, 67%
HSV	26°, 29%, 78%
XYZ	42.2813, 41.7865, 31.4283
YIQ	173.7180, 27.0970, -0.9910

Conversions

Conversions Part 2

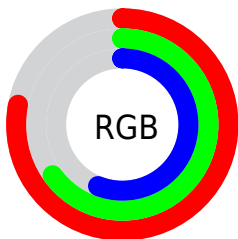
Format	Color
R _Y B	199, 187, 142
Decimal	13084558
CIE Lab	70.72, 7.88, 17.35
CIE LCh	71, 19.053, 65.575
Yxy	41.7865, 0.3661, 0.3618
Android (android.graphics.Color)	4291274638 (0xFFC7A78E)
YUV	173.7180, -15.6370, 22.1723
Hunter-Lab	64.6424, 3.6291, 16.4237

Details

The RYB color **199, 187, 142** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **142, 162, 199**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 242, 196**, and **144, 133, 92** is the 20% darker color. If you saturate the color by 10%, you get **199, 183, 122**, and if you desaturate by 10%, it is **199, 190, 162**.

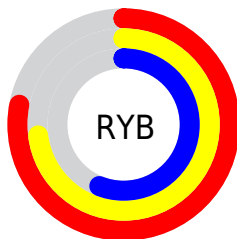
Distribution



Red (78%)

Green (65%)

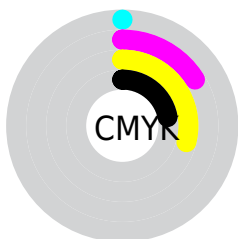
Blue (56%)



Red (78%)

Yellow (73%)

Blue (56%)

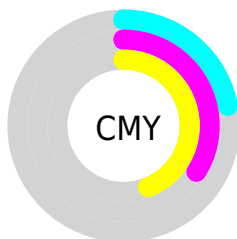


Cyan (0%)

Magenta (16%)

Yellow (29%)

Black (22%)



Cyan (22%)

Magenta (34%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 187, 142 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 199, 187, 142 by changing the saturation by 10% instead.

 199, 187, 142

255, 255, 255

 255, 242, 196


 229, 255, 224

 252, 255, 252


 199, 187, 142

 171, 162, 116

 144, 133, 92

 118, 111, 68

 93, 84, 46

 68, 62, 25

 39, 45, 0

 21, 0, 0

 0, 0, 0

 199, 187, 142

 199, 187, 142

 199, 183, 122

 199, 190, 162

 199, 179, 102

 199, 194, 182

 199, 176, 82

 199, 200, 202

 199, 172, 62

 199, 207, 222

 199, 167, 43

 199, 214, 242

 199, 160, 23

 199, 221, 255

 199, 156, 3

 199, 224, 255

 199, 158, 0

 199, 227, 255

Harmonies

Analogous

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



208, 165, 154



199, 187, 142



152, 183, 139

Triad

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



199, 187, 142



130, 158, 183



180, 168, 201

Complementary

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



199, 187, 142



142, 162, 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.



157, 169, 207



199, 187, 142



126, 157, 193

Square

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



199, 187, 142



144, 172, 182



137, 163, 204



198, 163, 188

Rectangle

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



199, 187, 142



142, 177, 149



137, 163, 204



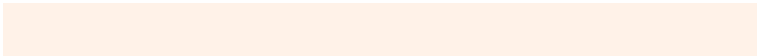
173, 169, 204

Sweetspot

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



199, 187, 142



255, 250, 232



199, 142, 174



128, 126, 113



0, 0, 0



128, 128, 128

Same Dimension

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



199, 187, 142



255, 239, 168



146, 199, 142



99, 97, 90



163, 129, 0



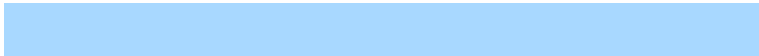
36, 29, 0

Inverse Universe

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



142, 162, 199



168, 199, 255



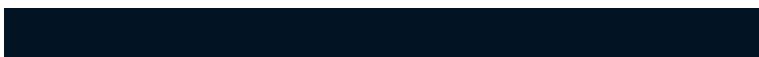
142, 146, 199



90, 93, 99



0, 58, 163



0, 13, 36

Previews

White Background



This preview shows how the RYB color 199, 187, 142 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 199, 187, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

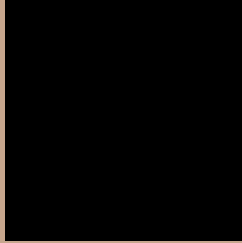
Any Text WCAG AA ✓ Pass

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 199, 187, 142 Background



This preview shows how black text looks on a background with the RYB color 199, 187, 142.






This preview shows how white text looks on a background with the RYB color 199, 187, 142.

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 199, 187, 142
	Protanopia 159, 183, 145
	Deuteranopia 201, 182, 142



Tritanopia
203, 162, 175

Trichromacy



Original Color

199, 187, 142

Protanomaly

174, 189, 144

Deuteranomaly

200, 183, 142

Tritanomaly

202, 164, 163

Monochromacy



Original Color

199, 187, 142

Achromatopsia

174, 174, 174

Achromatomaly

183, 181, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 187, 142 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, 167, 142) looks like.

```
.text, #text, p{  
    color:rgb(199, 167, 142)  
}
```

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, 167, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 167, 142) }
```

Border

The CSS property to change the border of an element to RYB 199, 187, 142 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, 167, 142) }
```

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

```
.border{ border-color:rgb(199, 167, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 167, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 167, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 167, 142);  
box-shadow:4px 4px 4px 4px rgb(199, 167,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 199, 187, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 167, 142) }
```

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

```
.background{ background-color: rgb(199,  
167, 142) }
```

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