

Converting Colors

`RYB(192, 174, 137)`

Have a look what the booklet for
RYB(192, 174, 137) contains.

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Color

R_YB(192, 174, 137)

Conversions

Conversions Part 1

Format	Color
Hex	C09F89
RGB	192, 159, 137
RGB Percent	75%, 62%, 54%
CMY	0.2471, 0.3760, 0.4627
CMYK	0.00, 0.17, 0.29, 0.25
HSL	24°, 30%, 65%
HSV	24°, 29%, 75%
XYZ	38.6723, 37.8500, 28.9344
YIQ	166.3590, 26.7300, 0.1540

Conversions

Conversions Part 2

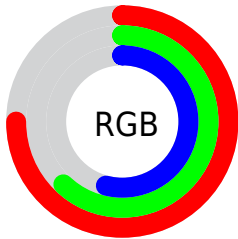
Format	Color
RYB	192, 174, 137
Decimal	12623753
CIELab	67.91, 8.82, 16.09
CIELCh	68, 18.349, 61.266
Yxy	37.8500, 0.3667, 0.3589
Android (android.graphics.Color)	4290813833 (0xFFC09F89)
YUV	166.3590, -14.4740, 22.4872
Hunter-Lab	61.5224, 4.5390, 15.1811

Details

The RYB color **192, 174, 137** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **137, 158, 192**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **249, 230, 190**, and **138, 123, 87** is the 20% darker color. If you saturate the color by 10%, you get **192, 168, 118**, and if you desaturate by 10%, it is **192, 182, 156**.

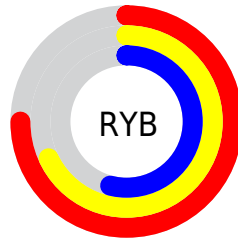
Distribution



Red (75%)

Green (62%)

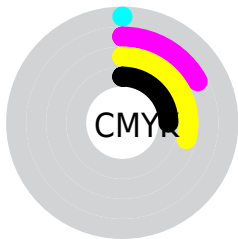
Blue (54%)



Red (75%)

Yellow (68%)

Blue (54%)

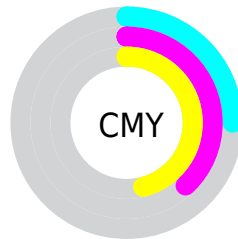


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 174, 137 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 192, 174, 137 by changing the saturation by 10% instead.

 192, 174, 137


255, 255, 255

 249, 230, 190

 238, 255, 218

 247, 255, 247

 192, 174, 137

 164, 147, 112

 138, 123, 87


 112, 95, 64

 86, 72, 42


 62, 53, 21

 40, 33, 0


 0, 0, 0

 192, 174, 137

 192, 168, 118

 192, 174, 137

 192, 182, 156

 192, 160, 99


 192, 187, 175

 192, 157, 79

 192, 193, 195

 192, 149, 60

 192, 200, 214

 192, 143, 41

 192, 208, 233

 192, 135, 22

 192, 215, 252

 192, 130, 3

 192, 219, 255

 192, 129, 0

 192, 222, 255

 192, 224, 255

Harmonies

Analogous

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



200, 156, 149



192, 174, 137



151, 178, 133

Triad

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



192, 174, 137



126, 153, 175



169, 161, 194

Complementary

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



192, 174, 137



137, 158, 192

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.



147, 161, 198



192, 174, 137



121, 149, 182

Square

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



192, 174, 137



141, 167, 173



129, 155, 194



188, 156, 182

Rectangle

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



192, 174, 137



135, 168, 137



129, 155, 194



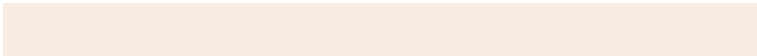
162, 163, 196

Sweetspot

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



192, 174, 137



250, 242, 227



192, 137, 170



125, 122, 111



252, 252, 252



125, 125, 125

Same Dimension

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



192, 174, 137



250, 222, 165



143, 192, 137



97, 94, 87



161, 109, 0



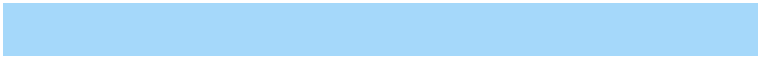
33, 21, 0

Inverse Universe

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



137, 158, 192



165, 197, 250



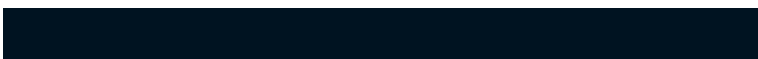
137, 142, 192



87, 91, 97



0, 60, 161



0, 12, 33

Previews

White Background



This preview shows how the RYB color 192, 174, 137 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 192, 174, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

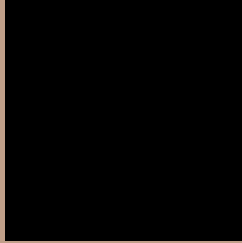
Any Text WCAG AA ✓ Pass

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 192, 174, 137 Background



This preview shows how black text looks on a background with the RYB color 192, 174, 137.



This preview shows how white text looks on a background with the RYB color 192, 174, 137.

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
192, 174, 137

Protanopia
152, 174, 140

Deuteranopia
192, 174, 137



Tritanopia
195, 155, 167

Trichromacy



Original Color
192, 174, 137

Protanomaly
171, 181, 139

Deuteranomaly
192, 174, 137

Tritanomaly
194, 156, 156

Monochromacy



Original Color
192, 174, 137

Achromatopsia
166, 166, 166

Achromatomaly
175, 168, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 174, 137 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(192, 159, 137)` looks like.

```
.text, #text, p{  
    color:rgb(192, 159, 137)  
}
```

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(192, 159, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 159, 137) }
```

Border

The CSS property to change the border of an element to RYB 192, 174, 137 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(192, 159, 137) }
```

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

```
.border{ border-color:rgb(192, 159, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 159, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 159, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 159, 137); box-shadow:4px 4px 4px 4px rgb(192, 159, 137) }
```

Background

The CSS property to change the background color of an element to RYB 192, 174, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 159, 137) }
```

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

```
.background{ background-color: rgb(192,  
159, 137) }
```

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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