

Converting Colors

`RYB(191, 204, 135)`

Have a look what the booklet for
RYB(191, 204, 135) contains.

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Color

R_YB(191, 204, 135)

Conversions

Conversions Part 1

Format	Color
Hex	CCAD87
RGB	204, 173, 135
RGB Percent	80%, 68%, 53%
CMY	0.2000, 0.3212, 0.4706
CMYK	0.00, 0.15, 0.34, 0.20
HSL	33°, 40%, 66%
HSV	33°, 34%, 80%
XYZ	44.2355, 44.5075, 29.1810
YIQ	177.9370, 30.6740, -5.2460

Conversions

Conversions Part 2

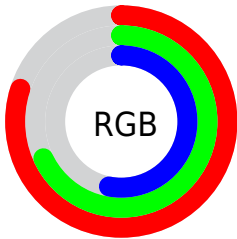
Format	Color
RYB	191, 204, 135
Decimal	13413767
CIELab	72.57, 5.73, 23.75
CIELCh	73, 24.435, 76.446
Yxy	44.5075, 0.3751, 0.3774
Android (android.graphics.Color)	4291603847 (0xFFCCAD87)
YUV	177.9370, -21.1679, 22.8573
Hunter-Lab	66.7140, 1.6070, 20.7660

Details

The RYB color **191, 204, 135** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **135, 156, 204**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **233, 255, 188**, and **135, 149, 85** is the 20% darker color. If you saturate the color by 10%, you get **188, 204, 115**, and if you desaturate by 10%, it is **195, 204, 155**.

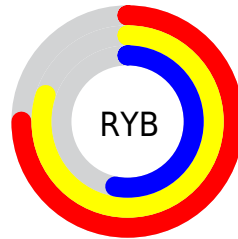
Distribution



Red (80%)

Green (68%)

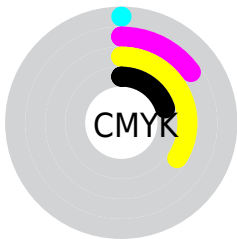
Blue (53%)



Red (75%)

Yellow (80%)

Blue (53%)

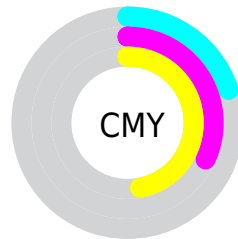


Cyan (0%)

Magenta (15%)

Yellow (34%)

Black (20%)



Cyan (20%)


Magenta (32%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the RYB color 191, 204, 135 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 191, 204, 135 by changing the saturation by 10% instead.

 191, 204, 135

 191, 204, 135

255, 255, 255

 162, 176, 110

 233, 255, 188


 135, 149, 85


 216, 255, 216

 106, 122, 61

 245, 255, 245

 80, 96, 39

 53, 71, 18

 31, 48, 0

 24, 5, 0

 0, 0, 0

 191, 204, 135

 191, 204, 135


 188, 204, 115


 195, 204, 155

 182, 204, 94


 200, 204, 176

 179, 204, 74

 201, 204, 196

 173, 204, 53

 204, 208, 217

 173, 204, 33

 204, 214, 237

 169, 204, 13

 204, 220, 255

 164, 204, 0

 204, 224, 255

 204, 227, 255

 204, 230, 255

Harmonies

Analogous

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



219, 173, 147



191, 204, 135



137, 182, 135

Triad

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



191, 204, 135



116, 154, 191



197, 168, 209

Complementary

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



191, 204, 135



135, 156, 204

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.



168, 175, 221



191, 204, 135



117, 157, 210

Square

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



191, 204, 135



132, 168, 190



138, 167, 221



216, 163, 189

Rectangle

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



191, 204, 135



142, 185, 162



138, 167, 221



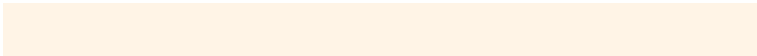
188, 171, 214

Sweetspot

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



191, 204, 135



250, 255, 230



204, 135, 166



124, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



191, 204, 135



235, 255, 150



135, 204, 138



102, 102, 92



137, 166, 0



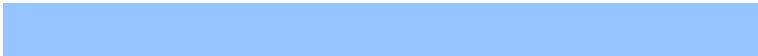
31, 38, 0

Inverse Universe

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



135, 156, 204



150, 182, 255



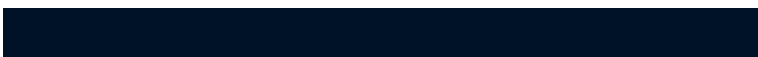
138, 135, 204



92, 95, 102



0, 51, 166



0, 12, 38

Previews

White Background



This preview shows how the RYB color 191, 204, 135 looks on a white background.

Color Contrast Check

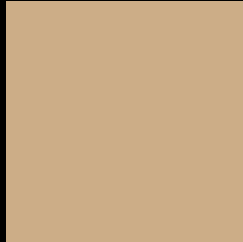
Large Text (above 18pt) WCAG AA × Fail

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 191, 204, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

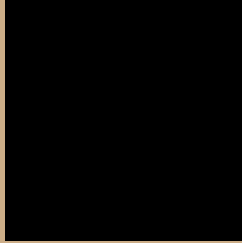
Any Text WCAG AA ✓ Pass

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 191, 204, 135 Background



This preview shows how black text looks on a background with the RYB color 191, 204, 135.



This preview shows how white text looks on a background with the RYB color 191, 204, 135.

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
191, 204, 135

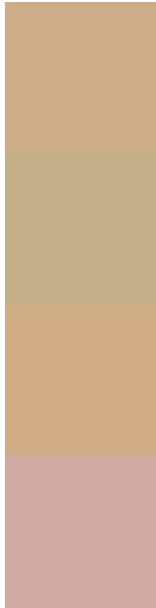
Protanopia
153, 190, 137

Deuteranopia
210, 204, 135



Tritanopia
209, 167, 180

Trichromacy



Original Color
191, 204, 135

Protanomaly
164, 195, 136

Deuteranomaly
206, 208, 135

Tritanomaly
207, 170, 164

Monochromacy



Original Color
191, 204, 135

Achromatopsia
178, 178, 178

Achromatomaly
182, 187, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 204, 135 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(204, 173, 135) looks like.

```
.text, #text, p{  
    color:rgb(204, 173, 135)  
}
```

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(204, 173, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 173, 135) }
```

Border

The CSS property to change the border of an element to RYB 191, 204, 135 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(204, 173, 135) }
```

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

```
.border{ border-color:rgb(204, 173, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 173, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 173, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 173, 135);  
box-shadow:4px 4px 4px 4px rgb(204, 173,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 191, 204, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 173, 135) }
```

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

```
.background{ background-color: rgb(204,  
173, 135) }
```

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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