

Converting Colors

`RYB(195, 197, 134)`

Have a look what the booklet for
RYB(195, 197, 134) contains.

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Color

$\text{RYB}(195, 197, 134)$

Conversions

Conversions Part 1

Format	Color
Hex	C5A686
RGB	197, 166, 134
RGB Percent	77%, 65%, 53%
CMY	0.2275, 0.3490, 0.4745
CMYK	0.00, 0.16, 0.32, 0.23
HSL	30°, 35%, 65%
HSV	30°, 32%, 77%
XYZ	40.9667, 40.8669, 28.2832
YIQ	171.6210, 28.7480, -3.3800

Conversions

Conversions Part 2

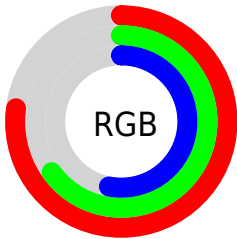
Format	Color
RYB	195, 197, 134
Decimal	12953222
CIELab	70.08, 6.64, 20.81
CIELCh	70, 21.843, 72.293
Yxy	40.8669, 0.3720, 0.3711
Android (android.graphics.Color)	4291143302 (0xFFC5A686)
YUV	171.6210, -18.5472, 22.2574
Hunter-Lab	63.9272, 2.5161, 18.5175

Details

The RYB color **195, 197, 134** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **134, 155, 197**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **252, 254, 187**, and **138, 142, 84** is the 20% darker color. If you saturate the color by 10%, you get **195, 197, 114**, and if you desaturate by 10%, it is **195, 197, 154**.

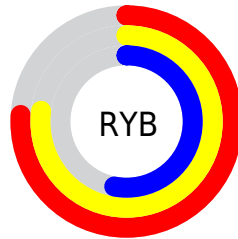
Distribution



Red (77%)

Green (65%)

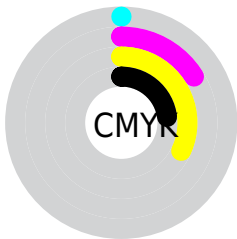
Blue (53%)



Red (76%)

Yellow (77%)

Blue (53%)

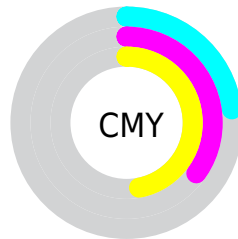


Cyan (0%)

Magenta (16%)

Yellow (32%)

Black (23%)



Cyan (23%)

Magenta (35%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 197, 134 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, 134 by changing the saturation by 10% instead.

 195, 197, 134

255, 255, 255

 252, 254, 187


 221, 255, 215

 244, 255, 244

 195, 197, 134

 165, 169, 109

 138, 142, 84

 110, 116, 61

 84, 90, 39


 59, 66, 18

 34, 43, 0

 17, 0, 0


 0, 0, 0

 195, 197, 134


 195, 197, 134

 195, 197, 114


 195, 197, 154

 193, 197, 95


 197, 197, 173

 193, 197, 75


 197, 197, 193

 193, 197, 55

 197, 202, 213

 191, 197, 36

 197, 209, 233

 191, 197, 16

 197, 215, 252

 191, 197, 0

 197, 220, 255

 197, 223, 255

 197, 225, 255

Harmonies

Analogous

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



209, 165, 145



195, 197, 134



139, 178, 133

Triad

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



195, 197, 134



118, 152, 183



185, 164, 201

Complementary

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



195, 197, 134



134, 155, 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.



159, 168, 210



195, 197, 134



117, 153, 197

Square

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



195, 197, 134



134, 166, 182



133, 161, 209



204, 159, 184

Rectangle

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



195, 197, 134



137, 177, 151



133, 161, 209



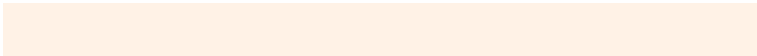
177, 166, 205

Sweetspot

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



195, 197, 134



255, 253, 230



197, 134, 166



128, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



195, 197, 134



253, 255, 158



134, 197, 134



97, 99, 90



157, 163, 0



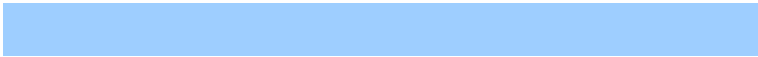
36, 36, 0

Inverse Universe

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



134, 155, 197



158, 190, 255



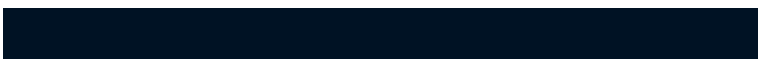
134, 134, 197



90, 93, 99



0, 54, 163



0, 12, 36

Previews

White Background



This preview shows how the RYB color 195, 197, 134 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, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

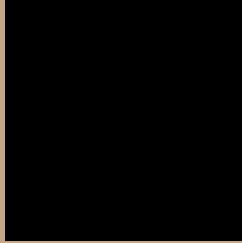
Any Text WCAG AA ✓ Pass

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, 134 Background



This preview shows how black text looks on a background with the RYB color 195, 197, 134.



This preview shows how white text looks on a background with the RYB color 195, 197, 134.

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, 134

Protanopia
150, 182, 136

Deuteranopia
201, 192, 134



Tritanopia

201, 161, 173

Trichromacy



Original Color
195, 197, 134

Protanomaly
163, 187, 135

Deuteranomaly
200, 192, 134

Tritanomaly
200, 163, 159

Monochromacy



Original Color
195, 197, 134

Achromatopsia
172, 172, 172

Achromatomaly
179, 181, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 197, 134 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, 166, 134)` looks like.

```
.text, #text, p{  
    color:rgb(197, 166, 134)  
}
```

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, 166, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 166, 134) }
```

Border

The CSS property to change the border of an element to RYB 195, 197, 134 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, 166, 134) }
```

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

```
.border{ border-color:rgb(197, 166, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 166, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 166, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 166, 134);  
box-shadow:4px 4px 4px 4px rgb(197, 166,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 195, 197, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 166, 134) }
```

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

```
.background{ background-color: rgb(197,  
166, 134) }
```

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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