

Converting Colors

`RYB(195, 154, 136)`

Have a look what the booklet for
RYB(195, 154, 136) contains.

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Color

R_YB(195, 154, 136)

Conversions

Conversions Part 1

Format	Color
Hex	C39688
RGB	195, 150, 136
RGB Percent	76%, 59%, 53%
CMY	0.2353, 0.4126, 0.4667
CMYK	0.00, 0.23, 0.30, 0.24
HSL	14°, 33%, 65%
HSV	14°, 30%, 76%
XYZ	37.8228, 35.1261, 28.0791
YIQ	161.8590, 31.3140, 5.1860

Conversions

Conversions Part 2

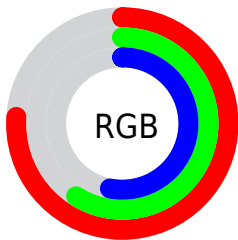
Format	Color
RYB	195, 154, 136
Decimal	12818056
CIELab	65.85, 14.98, 13.81
CIELCh	66, 20.377, 42.675
Yxy	35.1261, 0.3744, 0.3477
Android (android.graphics.Color)	4291008136 (0xFFC39688)
YUV	161.8590, -12.7485, 29.0647
Hunter-Lab	59.2673, 10.1963, 13.3972

Details

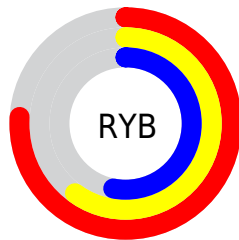
The RYB color **195, 154, 136** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **136, 162, 195**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **252, 209, 189**, and **140, 103, 86** is the 20% darker color. If you saturate the color by 10%, you get **195, 141, 116**, and if you desaturate by 10%, it is **195, 168, 156**.

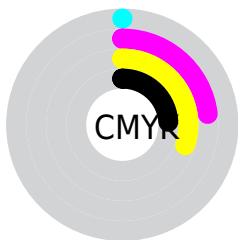
Distribution



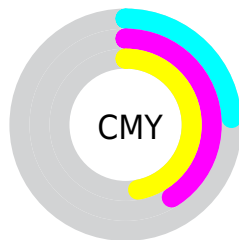
- Red (76%)
- Green (59%)
- Blue (53%)



- Red (76%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (24%)




- Cyan (24%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 154, 136 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, 154, 136 by changing the saturation by 10% instead.

 195, 154, 136


255, 255, 255


 252, 209, 189


 255, 242, 217

 246, 255, 246

 195, 154, 136


 167, 128, 111

 140, 103, 86

 114, 79, 63

 88, 55, 41

 63, 32, 21


 41, 10, 0


 0, 0, 0

 195, 154, 136


 195, 141, 116

 195, 154, 136


 195, 168, 156

 195, 127, 97

 195, 182, 175

 195, 113, 78

 195, 195, 195

 195, 100, 58

 195, 203, 214

 195, 86, 39

 195, 212, 233

 195, 72, 19

 195, 220, 253

 195, 60, 0

 195, 225, 255

 195, 225, 255

Harmonies

Analogous

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



198, 147, 153



195, 154, 136



184, 184, 126

Triad

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



195, 154, 136



125, 154, 170



149, 157, 195

Complementary

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



195, 154, 136



136, 162, 195

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.



125, 150, 194



195, 154, 136



111, 141, 170

Square

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



195, 154, 136



133, 166, 154



111, 143, 184



173, 153, 187

Rectangle

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



195, 154, 136



142, 172, 124



111, 143, 184



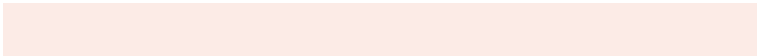
141, 156, 196

Sweetspot

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



195, 154, 136



252, 236, 230



195, 136, 181



128, 118, 113



0, 0, 0



128, 128, 128

Same Dimension

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



195, 154, 136



252, 189, 162



158, 195, 136



97, 90, 87



161, 50, 0



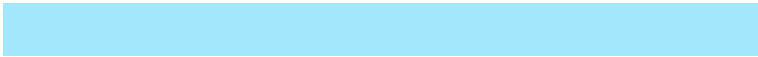
33, 11, 0

Inverse Universe

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



136, 162, 195



162, 201, 252



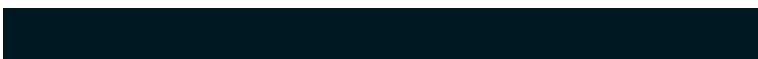
136, 149, 195



87, 91, 97



0, 70, 161



0, 14, 33

Previews

White Background



This preview shows how the RYB color 195, 154, 136 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, 154, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

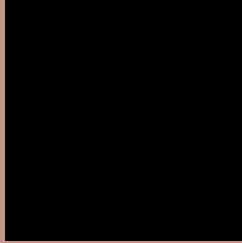
Any Text WCAG AA ✓ Pass

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, 154, 136 Background



This preview shows how black text looks on a background with the RYB color 195, 154, 136.



This preview shows how white text looks on a background with the RYB color 195, 154, 136.

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, 154, 136

Protanopia
152, 168, 141

Deuteranopia
185, 166, 135



Tritanopia
197, 147, 158

Trichromacy



Original Color

195, 154, 136

Protanomaly

178, 169, 139

Deuteranomaly

189, 160, 135

Tritanomaly

196, 148, 150

Monochromacy



Original Color

195, 154, 136

Achromatopsia

162, 162, 162

Achromatomaly

174, 160, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 154, 136 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(195, 150, 136)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 136)  
}
```

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(195, 150, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 136) }
```

Border

The CSS property to change the border of an element to RYB 195, 154, 136 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(195, 150, 136) }
```

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

```
.border{ border-color:rgb(195, 150, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 150, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 150, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 150, 136);  
box-shadow:4px 4px 4px 4px rgb(195, 150,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 195, 154, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 150, 136) }
```

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

```
.background{ background-color: rgb(195,  
150, 136) }
```

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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