

Converting Colors

`RYB(135, 164, 128)`

Have a look what the booklet for
RYB(135, 164, 128) contains.

RYB(135, 164, 128)	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(135, 164, 128)

Conversions

Conversions Part 1

Format	Color
Hex	A49E80
RGB	164, 158, 128
RGB Percent	64%, 62%, 50%
CMY	0.3569, 0.3798, 0.4980
CMYK	0.00, 0.04, 0.22, 0.36
HSL	50°, 17%, 57%
HSV	50°, 22%, 64%
XYZ	31.4568, 33.9524, 25.3176
YIQ	156.3740, 13.2060, -8.0580

Conversions

Conversions Part 2

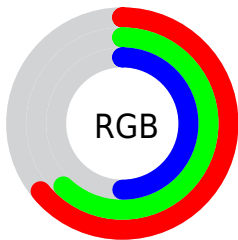
Format	Color
RYB	135, 164, 128
Decimal	10788480
CIELab	64.92, -2.96, 16.54
CIELCh	65, 16.803, 100.137
Yxy	33.9524, 0.3467, 0.3742
Android (android.graphics.Color)	4288978560 (0xFFA49E80)
YUV	156.3740, -13.9884, 6.6880
Hunter-Lab	58.2687, -5.6055, 15.0267

Details

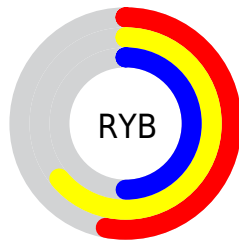
The RYB color **135, 164, 128** is a light color, and the websafe version is hex **999966**. A complement of this color would be **128, 133, 164**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **188, 219, 181**, and **85, 112, 79** is the 20% darker color. If you saturate the color by 10%, you get **123, 164, 112**, and if you desaturate by 10%, it is **148, 164, 144**.

Distribution



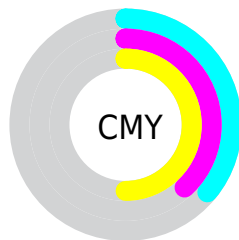
- Red (64%)
- Green (62%)
- Blue (50%)



- Red (53%)
- Yellow (64%)
- Blue (50%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (36%)




- Cyan (36%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 164, 128 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 135, 164, 128 by changing the saturation by 10% instead.

 135, 164, 128


255, 255, 255

 188, 219, 181


 218, 248, 209

 237, 255, 237

 135, 164, 128

 110, 138, 103

 85, 112, 79

 61, 87, 56

 37, 63, 34

 16, 41, 13

 0, 18, 0


 0, 0, 0

 135, 164, 128


 123, 164, 112

 135, 164, 128


 148, 164, 144

 108, 164, 95

 163, 164, 161


 96, 164, 79

 164, 166, 177

 82, 164, 62

 164, 168, 194


 69, 164, 46

 164, 170, 210

 56, 164, 30

 164, 173, 226

 43, 164, 13

 164, 175, 243

 32, 164, 0

 164, 177, 255

 164, 179, 255

Harmonies

Analogous

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



178, 174, 130



135, 164, 128



134, 163, 150

Triad

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



135, 164, 128



118, 144, 176



181, 148, 168

Complementary

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



135, 164, 128



128, 133, 164

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.



167, 152, 181



135, 164, 128



129, 150, 185

Square

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



135, 164, 128



119, 144, 166



147, 155, 187



189, 147, 153

Rectangle

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



135, 164, 128



136, 160, 165



147, 155, 187



177, 149, 173

Sweetspot

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



135, 164, 128



201, 214, 199



164, 128, 134



100, 107, 99



235, 235, 235



107, 107, 107

Same Dimension

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



135, 164, 128



170, 214, 159



128, 164, 140



76, 82, 73



27, 145, 0



4, 18, 0

Inverse Universe

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



128, 133, 164



159, 167, 214



140, 128, 164



73, 75, 82



0, 21, 145



0, 3, 18

Previews

White Background



This preview shows how the RYB color 135, 164, 128 looks on a white background.

Color Contrast Check

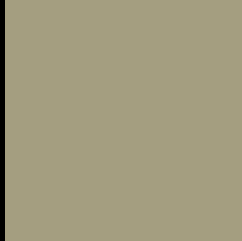
Large Text (above 18pt) WCAG AA × Fail

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 135, 164, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

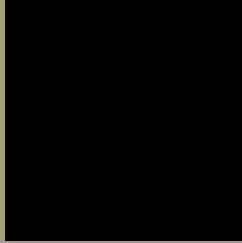
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

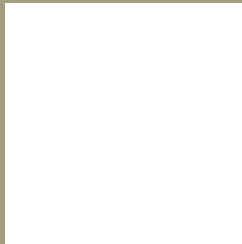
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 135, 164, 128 Background



This preview shows how black text looks on a background with the RYB color 135, 164, 128.



This preview shows how white text looks on a background with the RYB color 135, 164, 128.

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
135, 164, 128

Protanopia
141, 167, 128

Deuteranopia
182, 167, 129



Tritanopia
169, 153, 165

Trichromacy



Original Color

135, 164, 128

Protanomaly

140, 166, 128

Deuteranomaly

168, 175, 129

Tritanomaly

167, 156, 152

Monochromacy



Original Color

135, 164, 128

Achromatopsia

156, 156, 156

Achromatomaly

148, 159, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 164, 128 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(164, 158, 128) looks like.

```
.text, #text, p{  
    color:rgb(164, 158, 128)  
}
```

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(164, 158, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 158, 128) }
```

Border

The CSS property to change the border of an element to RYB 135, 164, 128 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(164, 158, 128) }
```

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

```
.border{ border-color:rgb(164, 158, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 158, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 158, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 158, 128); box-shadow:4px 4px 4px 4px rgb(164, 158, 128) }
```

Background

The CSS property to change the background color of an element to RYB 135, 164, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 158, 128) }
```

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

```
.background{ background-color: rgb(164,  
158, 128) }
```

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