

Converting Colors

`RYB(164, 135, 128)`

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

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Color

R_YB(164, 135, 128)

Conversions

Conversions Part 1

Format	Color
Hex	A48680
RGB	164, 134, 128
RGB Percent	64%, 53%, 50%
CMY	0.3569, 0.4751, 0.4980
CMYK	0.00, 0.18, 0.22, 0.36
HSL	10°, 17%, 57%
HSV	10°, 22%, 64%
XYZ	27.7119, 26.4627, 24.0693
YIQ	142.2860, 19.8060, 4.4940

Conversions

Conversions Part 2

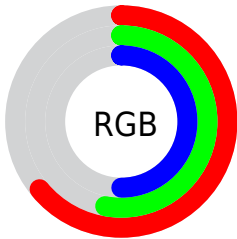
Format	Color
RYB	164, 135, 128
Decimal	10782336
CIELab	58.47, 10.54, 7.47
CIELCh	58, 12.921, 35.337
Yxy	26.4627, 0.3542, 0.3382
Android (android.graphics.Color)	4288972416 (0xFFA48680)
YUV	142.2860, -7.0430, 19.0432
Hunter-Lab	51.4419, 6.1354, 8.2679

Details

The RYB color **164, 135, 128** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **128, 144, 164**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **219, 188, 181**, and **112, 85, 79** is the 20% darker color. If you saturate the color by 10%, you get **164, 121, 112**, and if you desaturate by 10%, it is **164, 149, 144**.

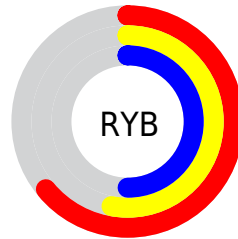
Distribution



Red (64%)

Green (53%)

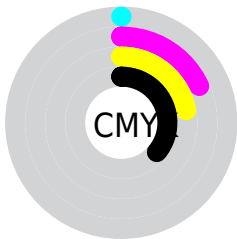
Blue (50%)



Red (64%)

Yellow (53%)

Blue (50%)

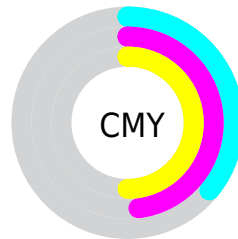


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (36%)



Cyan (36%)


Magenta (48%)

Yellow (50%)

Brightness & Saturation Gradients

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

 164, 135, 128


255, 255, 255

 219, 188, 181

 248, 216, 208

 255, 246, 237

 164, 135, 128

 137, 110, 103

 112, 85, 79


 87, 62, 56


 63, 40, 35


 40, 21, 13


 10, 0, 0


 0, 0, 0

 164, 135, 128

 164, 121, 112

 164, 135, 128

 164, 149, 144

 164, 108, 95

 164, 161, 161

 164, 96, 79

 164, 170, 177

 164, 82, 62

 164, 178, 194

 164, 69, 46

 164, 185, 210

 164, 55, 30

 164, 192, 226

 164, 43, 13

 164, 200, 243

 164, 32, 0

 164, 207, 255

 164, 210, 255

Harmonies

Analogous

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



164, 133, 139



164, 135, 128



158, 151, 120

Triad

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



164, 135, 128



122, 139, 146



131, 139, 163

Complementary

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



164, 135, 128



128, 144, 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.



118, 134, 161



164, 135, 128



113, 131, 147

Square

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



164, 135, 128



122, 144, 131



111, 130, 153



145, 137, 159

Rectangle

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



164, 135, 128



137, 151, 118



111, 130, 153



126, 137, 163

Sweetspot

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



164, 135, 128



214, 203, 199



164, 128, 159



107, 100, 99



235, 235, 235



107, 107, 107

Same Dimension

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



164, 135, 128



214, 170, 159



148, 164, 128



82, 76, 73



145, 29, 0



18, 4, 0

Inverse Universe

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



128, 144, 164



159, 184, 214



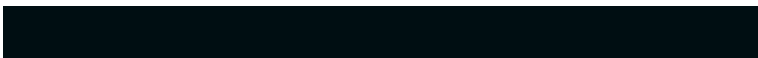
128, 138, 164



73, 77, 82



0, 66, 145



0, 8, 18

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 164, 135, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

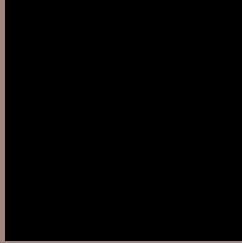
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 164, 135, 128 Background



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



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

Protanopia
141, 146, 131

Deuteranopia
159, 139, 128



Tritanopia
166, 132, 142

Trichromacy



Original Color
164, 135, 128

Protanomaly
153, 142, 130

Deuteranomaly
161, 137, 128

Tritanomaly
165, 133, 137

Monochromacy



Original Color
164, 135, 128

Achromatopsia
142, 142, 142

Achromatomaly
150, 139, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 135, 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, 134, 128)` looks like.

```
.text, #text, p{  
    color:rgb(164, 134, 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, 134, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 134, 128) }
```

Border

The CSS property to change the border of an element to RYB 164, 135, 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, 134, 128) }
```

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

```
.border{ border-color:rgb(164, 134, 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, 134, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 134, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 134, 128);  
box-shadow:4px 4px 4px 4px rgb(164, 134,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 164, 135, 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, 134, 128) }
```

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

```
.background{ background-color: rgb(164,  
134, 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](#).

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