

Converting Colors

`RYB(164, 135, 144)`

Have a look what the booklet for
RYB(164, 135, 144) contains.

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Color

R_YB(164, 135, 144)

Conversions

Conversions Part 1

Format	Color
Hex	A48790
RGB	164, 135, 144
RGB Percent	64%, 53%, 56%
CMY	0.3569, 0.4706, 0.4353
CMYK	0.00, 0.18, 0.12, 0.36
HSL	341°, 14%, 59%
HSV	341°, 18%, 64%
XYZ	29.0079, 27.2341, 30.1134
YIQ	144.6970, 14.3950, 8.9470

Conversions

Conversions Part 2

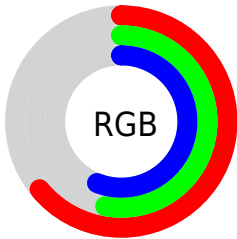
Format	Color
RYB	164, 135, 144
Decimal	10782608
CIELab	59.19, 12.54, -0.67
CIELCh	59, 12.559, 356.955
Yxy	27.2341, 0.3359, 0.3154
Android (android.graphics.Color)	4288972688 (0xFFA48790)
YUV	144.6970, -0.3436, 16.9287
Hunter-Lab	52.1863, 7.8936, 2.3179

Details

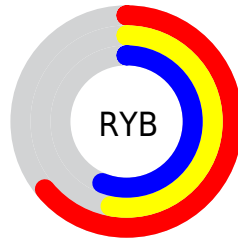
The RYB color **164, 135, 144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **135, 152, 164**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **219, 188, 198**, and **112, 85, 94** is the 20% darker color. If you saturate the color by 10%, you get **164, 119, 133**, and if you desaturate by 10%, it is **164, 151, 155**.

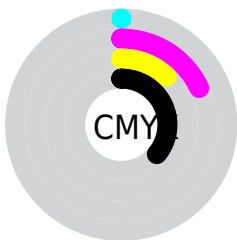
Distribution



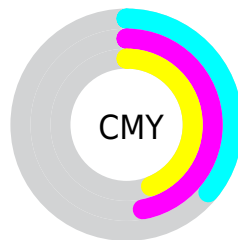
- Red (64%)
- Green (53%)
- Blue (56%)



- Red (64%)
- Yellow (53%)
- Blue (56%)



- Cyan (0%)
- Magenta (18%)
- Yellow (12%)
- Black (36%)




- Cyan (36%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 135, 144 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, 144 by changing the saturation by 10% instead.


 164, 135, 144


255, 255, 255

 219, 188, 198

 248, 216, 226

 255, 245, 254


 164, 135, 144

 138, 110, 118

 112, 85, 94


 87, 62, 70


 64, 40, 48


 41, 19, 27


 20, 0, 0


 0, 0, 0

 164, 135, 144

 164, 119, 133

 164, 135, 144

 164, 151, 155


 164, 102, 121

 164, 166, 168

 164, 86, 110

 164, 176, 184

 164, 69, 99

 164, 186, 201

 164, 53, 87

 164, 195, 217

 164, 37, 76

 164, 205, 233

 164, 20, 65

 164, 215, 250

 164, 4, 54

 164, 215, 255

 164, 0, 51

 164, 212, 255

Harmonies

Analogous

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



156, 137, 155



164, 135, 144



166, 135, 133

Triad

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



164, 135, 144



123, 145, 128



118, 135, 161

Complementary

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



164, 135, 144



135, 152, 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.



114, 132, 152



164, 135, 144



128, 146, 148

Square

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



164, 135, 144



140, 153, 121



118, 136, 149



129, 140, 164

Rectangle

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



164, 135, 144



164, 141, 127



118, 136, 149



116, 134, 158

Sweetspot

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



164, 135, 144



214, 203, 207



155, 135, 164



107, 101, 103



235, 235, 235



107, 107, 107

Same Dimension

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



164, 135, 144



214, 169, 183



164, 141, 135



82, 73, 76



145, 0, 45



18, 0, 6

Inverse Universe

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



164, 135, 144



214, 169, 183



135, 148, 164



82, 73, 76



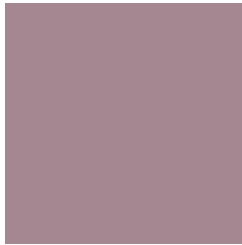
145, 0, 45



18, 0, 6

Previews

White Background



This preview shows how the RYB color 164, 135, 144 looks on a white background.

Color Contrast Check

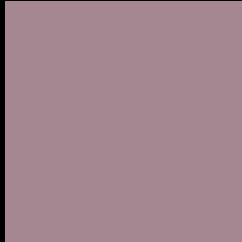
Large Text (above 18pt) WCAG AA ✓ Pass

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, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

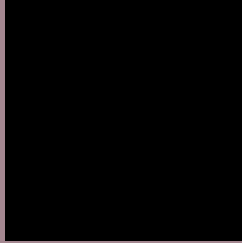
Any Text WCAG AA ✓ Pass

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](#).

RYP 164, 135, 144 Background



This preview shows how black text looks on a background with the RYP color 164, 135, 144.



This preview shows how white text looks on a background with the RYP color 164, 135, 144.

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](#), [144](#)

Protanopia
[144](#), [142](#), [148](#)

Deuteranopia
[156](#), [138](#), [143](#)



Tritanopia
164, 135, 145

Trichromacy



Original Color
164, 135, 144

Protanomaly
151, 139, 147

Deuteranomaly
159, 137, 143

Tritanomaly
164, 135, 145

Monochromacy



Original Color
164, 135, 144

Achromatopsia
145, 145, 145

Achromatomaly
152, 141, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 135, 144 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, 135, 144) looks like.

```
.text, #text, p{  
    color:rgb(164, 135, 144)  
}
```

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, 135, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 135, 144) }
```

Border

The CSS property to change the border of an element to RYB 164, 135, 144 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, 135, 144) }
```

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

```
.border{ border-color:rgb(164, 135, 144) }
```

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

Here you see how a box with a 4 pixel rgb(164, 135, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 135, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 135, 144);  
box-shadow:4px 4px 4px 4px rgb(164, 135,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 164, 135, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 135, 144) }
```

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

```
.background{ background-color: rgb(164,  
135, 144) }
```

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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