

Converting Colors

`RYB(163, 135, 144)`

Have a look what the booklet for
RYB(163, 135, 144) contains.

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Color

R_YB(163, 135, 144)

Conversions

Conversions Part 1

Format	Color
Hex	A38790
RGB	163, 135, 144
RGB Percent	64%, 53%, 56%
CMY	0.3608, 0.4706, 0.4353
CMYK	0.00, 0.17, 0.12, 0.36
HSL	341°, 13%, 58%
HSV	341°, 17%, 64%
XYZ	28.8023, 27.1281, 30.1038
YIQ	144.3980, 13.7990, 8.7350

Conversions

Conversions Part 2

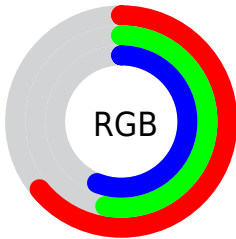
Format	Color
R _Y B	163, 135, 144
Decimal	10717072
CIE Lab	59.09, 12.16, -0.82
CIE LCh	59, 12.193, 356.136
Yxy	27.1281, 0.3348, 0.3153
Android (android.graphics.Color)	4288907152 (0xFFA38790)
YUV	144.3980, -0.1962, 16.3140
Hunter-Lab	52.0846, 7.5606, 2.1909

Details

The RYB color **163, 135, 144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **135, 152, 163**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **218, 188, 198**, and **111, 85, 94** is the 20% darker color. If you saturate the color by 10%, you get **163, 119, 133**, and if you desaturate by 10%, it is **163, 151, 155**.

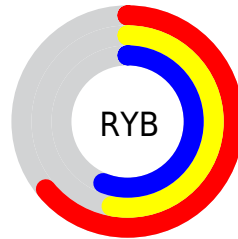
Distribution



Red (64%)

Green (53%)

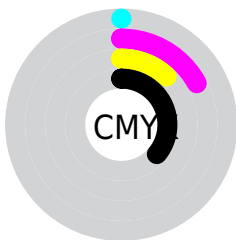
Blue (56%)



Red (64%)

Yellow (53%)

Blue (56%)

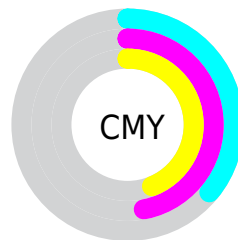


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (47%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the RYB color 163, 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 163, 135, 144 by changing the saturation by 10% instead.

 163, 135, 144


255, 255, 255


 218, 188, 198

 247, 216, 226


 255, 245, 254

 163, 135, 144

 137, 110, 118

 111, 85, 94

 86, 62, 70


 63, 40, 48

 40, 19, 27

 19, 0, 0

 0, 0, 0

 163, 135, 144


 163, 119, 133

 163, 135, 144


 163, 151, 155

 163, 102, 122

 163, 166, 168

 163, 86, 111

 163, 176, 184

 163, 70, 100

 163, 185, 200

 163, 54, 89

 163, 195, 217

 163, 37, 78

 163, 205, 233

 163, 21, 67

 163, 214, 249

 163, 5, 56

 163, 216, 255

 163, 0, 52

 163, 212, 255

Harmonies

Analogous

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



155, 137, 154



163, 135, 144



165, 135, 133

Triad

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



163, 135, 144



123, 144, 126



118, 135, 160

Complementary

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



163, 135, 144



135, 152, 163

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.



115, 132, 151



163, 135, 144



128, 145, 147

Square

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



163, 135, 144



138, 152, 121



119, 136, 148



129, 139, 163

Rectangle

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



163, 135, 144



163, 141, 127



119, 136, 148



116, 134, 157

Sweetspot

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



163, 135, 144



212, 201, 204



154, 135, 163



107, 101, 103



235, 235, 235



107, 107, 107

Same Dimension

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



163, 135, 144



212, 167, 181



163, 141, 135



82, 73, 76



145, 0, 47



18, 0, 6

Inverse Universe

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



163, 135, 144



212, 167, 181



135, 148, 163



82, 73, 76



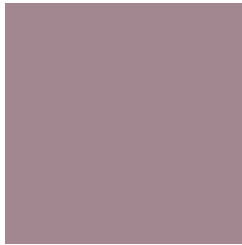
145, 0, 47



18, 0, 6

Previews

White Background



This preview shows how the RYB color 163, 135, 144 looks on a white background.

Color Contrast Check

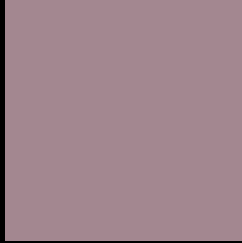
Large Text (above 18pt) WCAG AA ✓ Pass

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 163, 135, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

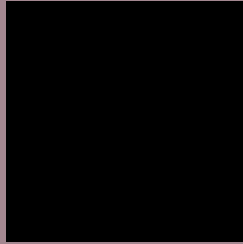
Any Text WCAG AA ✓ Pass

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](#).

RYB 163, 135, 144 Background



This preview shows how black text looks on a background with the RYB color 163, 135, 144.



This preview shows how white text looks on a background with the RYB color 163, 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


163, 135, 144

Protanopia

143, 142, 148

Deuteranopia

156, 138, 143



Tritanopia
163, 135, 145

Trichromacy



Original Color
163, 135, 144

Protanomaly
150, 139, 147

Deuteranomaly
159, 137, 143

Tritanomaly
163, 135, 145

Monochromacy



Original Color
163, 135, 144

Achromatopsia
144, 144, 144

Achromatomaly
151, 141, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 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(163, 135, 144) looks like.

```
.text, #text, p{  
    color:rgb(163, 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(163, 135, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 135, 144) }
```

Border

The CSS property to change the border of an element to RYB 163, 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(163, 135, 144) }
```

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

```
.border{ border-color:rgb(163, 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(163, 135, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 135, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 135, 144);  
box-shadow:4px 4px 4px 4px rgb(163, 135,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 163, 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(163, 135, 144) }
```

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

```
.background{ background-color: rgb(163,  
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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