

Converting Colors

`RYB(160, 144, 149)`

Have a look what the booklet for
RYB(160, 144, 149) contains.

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Color

R_YB(160, 144, 149)

Conversions

Conversions Part 1

Format	Color
Hex	A09095
RGB	160, 144, 149
RGB Percent	63%, 56%, 58%
CMY	0.3725, 0.4353, 0.4157
CMYK	0.00, 0.10, 0.07, 0.37
HSL	341°, 8%, 60%
HSV	341°, 10%, 63%
XYZ	29.8953, 29.5900, 32.5696
YIQ	149.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

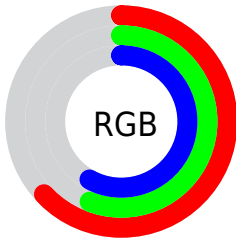
Format	Color
R_{YB}	160, 144, 149
Decimal	10522773
CIE Lab	61.30, 6.85, -0.48
CIE LCh	61, 6.868, 355.973
Yxy	29.5900, 0.3248, 0.3214
Android (android.graphics.Color)	4288712853 (0xFFA09095)
YUV	149.3540, -0.1745, 9.3365
Hunter-Lab	54.3967, 2.9056, 2.5783

Details

The RYB color **160, 144, 149** is a light color, and the websafe version is hex **999999**. A complement of this color would be **144, 153, 160**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **215, 198, 203**, and **108, 94, 98** is the 20% darker color. If you saturate the color by 10%, you get **160, 128, 138**, and if you desaturate by 10%, it is **160, 160, 160**.

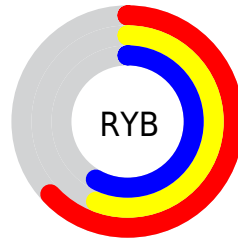
Distribution



Red (63%)

Green (56%)

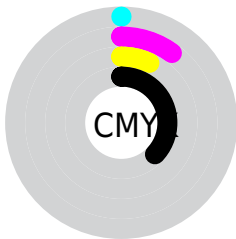
Blue (58%)



Red (63%)

Yellow (56%)

Blue (58%)

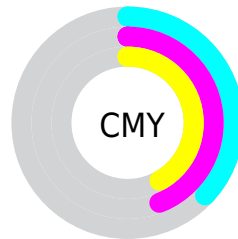


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (37%)



Cyan (37%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 144, 149 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 160, 144, 149 by changing the saturation by 10% instead.


 160, 144, 149


255, 255, 255

 215, 198, 203

 243, 226, 231


255, 254, 255

 160, 144, 149

 134, 118, 123

 108, 94, 98

 84, 70, 75

 61, 48, 52


 39, 27, 31

 19, 0, 6

 0, 0, 0

 160, 144, 149

 160, 128, 138

 160, 144, 149

 160, 160, 160

160, 112, 127

160, 169, 176

160, 96, 116

160, 179, 192

160, 80, 105

160, 188, 208

160, 64, 94

160, 198, 224

160, 48, 83

160, 207, 240

160, 32, 72

160, 216, 255

160, 16, 61

160, 212, 255

160, 0, 50

160, 209, 255

Harmonies

Analogous

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



155, 145, 155



160, 144, 149



161, 144, 143

Triad

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



160, 144, 149



137, 149, 139



135, 144, 158

Complementary

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



160, 144, 149



144, 153, 160

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.



133, 142, 153



160, 144, 149



140, 150, 151

Square

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



160, 144, 149



147, 154, 136



135, 145, 152



141, 147, 160

Rectangle

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



160, 144, 149



160, 147, 139



135, 145, 152



134, 144, 156

Sweetspot

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



160, 144, 149



209, 203, 205



155, 144, 160



105, 100, 102



232, 232, 232



105, 105, 105

Same Dimension

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



160, 144, 149



209, 184, 192



160, 148, 144



79, 71, 74



143, 0, 45



15, 0, 5

Inverse Universe

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



160, 144, 149



209, 184, 192



144, 151, 160



79, 71, 74



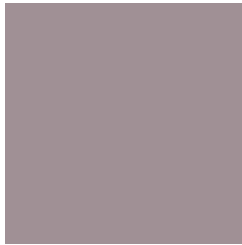
143, 0, 45



15, 0, 5

Previews

White Background



This preview shows how the RYB color 160, 144, 149 looks on a white background.

Color Contrast Check

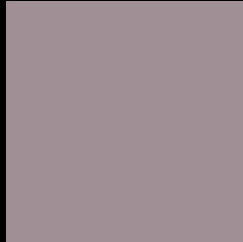
Large Text (above 18pt) WCAG AA ✓ Pass

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 160, 144, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

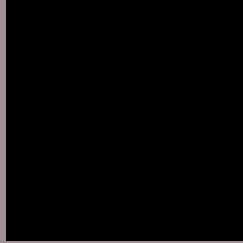
Any Text WCAG AA ✓ Pass

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 160, 144, 149 Background



This preview shows how black text looks on a background with the RYB color 160, 144, 149.



This preview shows how white text looks on a background with the RYB color 160, 144, 149.

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


160, 144, 149

Protanopia

150, 147, 151

Deuteranopia

162, 143, 149



Tritanopia
161, 143, 154

Trichromacy



Original Color

160, 144, 149

Protanomaly

154, 146, 150

Deuteranomaly

161, 143, 149

Tritanomaly

161, 143, 152

Monochromacy



Original Color

160, 144, 149

Achromatopsia

149, 149, 149

Achromatomaly

153, 147, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 144, 149 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(160, 144, 149) looks like.

```
.text, #text, p{  
    color:rgb(160, 144, 149)  
}
```

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(160, 144, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 144, 149) }
```

Border

The CSS property to change the border of an element to RYB 160, 144, 149 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(160, 144, 149) }
```

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

```
.border{ border-color:rgb(160, 144, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 144, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 144, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 144, 149);  
box-shadow:4px 4px 4px 4px rgb(160, 144,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 160, 144, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 144, 149) }
```

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

```
.background{ background-color: rgb(160,  
144, 149) }
```

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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