

Converting Colors

`RYB(150, 164, 149)`

Have a look what the booklet for RYB(150, 164, 149) contains.

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Color

RYB(150, 164, 149)

Conversions

Conversions Part 1

Format	Color
Hex	A4A395
RGB	164, 163, 149
RGB Percent	64%, 64%, 58%
CMY	0.3569, 0.3605, 0.4157
CMYK	0.00, 0.01, 0.09, 0.36
HSL	56°, 8%, 61%
HSV	56°, 9%, 64%
XYZ	33.8430, 36.2790, 33.6526
YIQ	161.7030, 5.0900, -4.1420

Conversions

Conversions Part 2

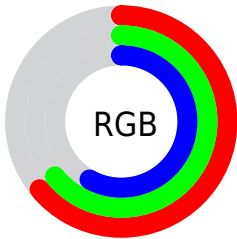
Format	Color
RYB	150, 164, 149
Decimal	10789781
CIELab	66.73, -2.22, 7.42
CIELCh	67, 7.744, 106.637
Yxy	36.2790, 0.3261, 0.3496
Android (android.graphics.Color)	4288979861 (0xFFA4A395)
YUV	161.7030, -6.2626, 2.0145
Hunter-Lab	60.2321, -5.1113, 9.0362

Details

The RYB color **150, 164, 149** is a light color, and the websafe version is hex **999999**. A complement of this color would be **149, 150, 164**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **204, 219, 203**, and **99, 112, 98** is the 20% darker color. If you saturate the color by 10%, you get **135, 164, 133**, and if you desaturate by 10%, it is **164, 164, 165**.

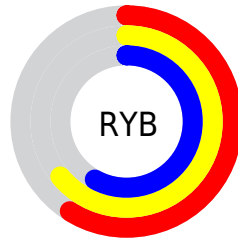
Distribution



Red (64%)

Green (64%)

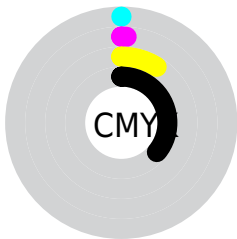
Blue (58%)



Red (59%)

Yellow (64%)

Blue (58%)

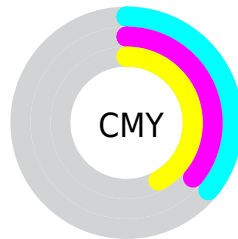


Cyan (0%)

Magenta (1%)

Yellow (9%)

Black (36%)



Cyan (36%)


Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 164, 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 150, 164, 149 by changing the saturation by 10% instead.


 150, 164, 149


255, 255, 255

 204, 219, 203

 232, 247, 231


 150, 164, 149

 124, 138, 123

 99, 112, 98

 75, 88, 74

 52, 64, 52


 31, 42, 31


 6, 22, 6

 0, 0, 0

 150, 164, 149


 135, 164, 133

 150, 164, 149

 164, 164, 165

 119, 164, 116

 164, 165, 182

 104, 164, 100

 164, 166, 198

 88, 164, 83

 164, 167, 215

 73, 164, 67

 164, 168, 231

 58, 164, 51

 164, 169, 247

 43, 164, 34

 164, 170, 255

 28, 164, 18

 164, 171, 255

 12, 164, 1

 164, 171, 255

Harmonies

Analogous

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



167, 171, 149



150, 164, 149



153, 165, 162

Triad

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



150, 164, 149



146, 157, 172



175, 158, 166

Complementary

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



150, 164, 149



149, 150, 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.



168, 159, 172



150, 164, 149



152, 160, 176

Square

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



150, 164, 149



145, 156, 167



160, 162, 176



178, 158, 159

Rectangle

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



150, 164, 149



151, 162, 166



160, 162, 176



173, 158, 168

Sweetspot

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



150, 164, 149



208, 214, 208



164, 149, 150



103, 107, 103



235, 235, 235



107, 107, 107

Same Dimension

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



150, 164, 149



192, 214, 191



149, 164, 156



74, 82, 73



10, 145, 0



1, 18, 0

Inverse Universe

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



149, 150, 164



191, 192, 214



155, 149, 164



73, 74, 82



0, 8, 145



0, 1, 18

Previews

White Background



This preview shows how the RYB color 150, 164, 149 looks on a white background.

Color Contrast Check

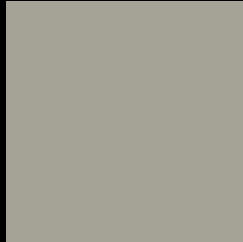
Large Text (above 18pt) WCAG AA × Fail

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 150, 164, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

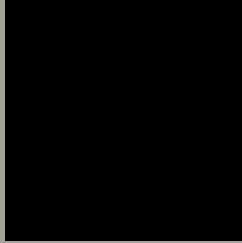
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

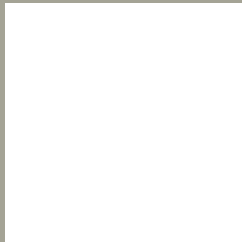
Any Text WCAG AAA ✓ Pass

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

RYB 150, 164, 149 Background



This preview shows how black text looks on a background with the RYB color 150, 164, 149.



This preview shows how white text looks on a background with the RYB color 150, 164, 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
150, 164, 149

Protanopia
157, 168, 148

Deuteranopia
182, 159, 150



Tritanopia
167, 160, 172

Trichromacy



Original Color

150, 164, 149

Protanomaly

155, 167, 148

Deuteranomaly

175, 164, 150

Tritanomaly

166, 161, 164

Monochromacy



Original Color

150, 164, 149

Achromatopsia

162, 162, 162

Achromatomaly

158, 163, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 164, 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(164, 163, 149) looks like.

```
.text, #text, p{  
    color:rgb(164, 163, 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(164, 163, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 163, 149) }
```

Border

The CSS property to change the border of an element to RYB 150, 164, 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(164, 163, 149) }
```

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

```
.border{ border-color:rgb(164, 163, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 163, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 163, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 163, 149);  
box-shadow:4px 4px 4px 4px rgb(164, 163,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 150, 164, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 163, 149) }
```

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

```
.background{ background-color: rgb(164,  
163, 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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