

Converting Colors

`RYB(144, 164, 146)`

Have a look what the booklet for
RYB(144, 164, 146) contains.

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Color

R_YB(144, 164, 146)

Conversions

Conversions Part 1

Format	Color
Hex	A2A490
RGB	162, 164, 144
RGB Percent	64%, 64%, 56%
CMY	0.3647, 0.3569, 0.4353
CMYK	0.01, 0.00, 0.12, 0.36
HSL	66°, 10%, 60%
HSV	66°, 12%, 64%
XYZ	33.2098, 36.2459, 31.6314
YIQ	161.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

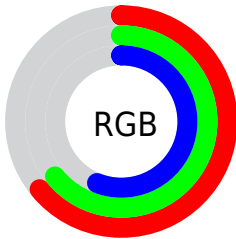
Format	Color
RYB	144, 164, 146
Decimal	10658960
CIELab	66.71, -4.33, 10.14
CIELCh	67, 11.026, 113.137
Yxy	36.2459, 0.3285, 0.3586
Android (android.graphics.Color)	4288849040 (0xFFA2A490)
YUV	161.1220, -8.4411, 0.7700
Hunter-Lab	60.2046, -6.8946, 10.9924

Details

The RYB color **144, 164, 146** is a light color, and the websafe version is hex **999999**. A complement of this color would be **146, 144, 164**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **198, 219, 200**, and **94, 112, 96** is the 20% darker color. If you saturate the color by 10%, you get **128, 164, 132**, and if you desaturate by 10%, it is **160, 164, 160**.

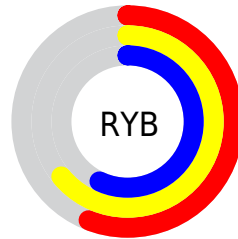
Distribution



Red (64%)

Green (64%)

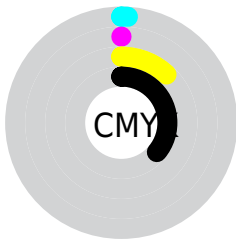
Blue (56%)



Red (56%)

Yellow (64%)

Blue (57%)

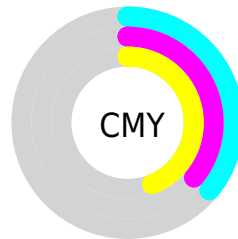


Cyan (1%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 164, 146 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 144, 164, 146 by changing the saturation by 10% instead.


 144, 164, 146


255, 255, 255


 198, 219, 200

 226, 247, 228

254, 255, 254

 144, 164, 146

 118, 138, 120

 94, 112, 96


 70, 88, 72

 48, 65, 50


 27, 43, 29


 0, 22, 1

 0, 0, 0

 144, 164, 146

 128, 164, 132

 144, 164, 146

 160, 164, 160

■ 111, 164, 116

■ 165, 164, 177

■ 95, 164, 102

■ 167, 164, 193

■ 78, 164, 87

■ 169, 164, 210

■ 62, 164, 72

■ 170, 164, 226

■ 46, 164, 58

■ 172, 164, 242

■ 29, 164, 42

■ 173, 164, 255

■ 13, 164, 28

■ 175, 164, 255

■ 0, 164, 16

■ 177, 164, 255

Harmonies

Analogous

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



163, 173, 143



144, 164, 146



150, 167, 166

Triad

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



144, 164, 146



140, 156, 178



181, 156, 165

Complementary

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



144, 164, 146



146, 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.



173, 157, 174



144, 164, 146



149, 159, 182

Square

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



144, 164, 146



137, 153, 170



161, 160, 180



184, 156, 155

Rectangle

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



144, 164, 146



144, 160, 168



161, 160, 180



179, 156, 168

Sweetspot

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



144, 164, 146



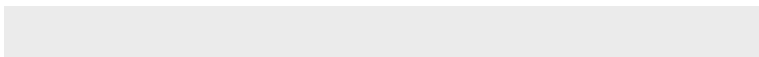
206, 214, 207



164, 146, 144



102, 107, 102



235, 235, 235



107, 107, 107

Same Dimension

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



144, 164, 146



182, 214, 185



144, 164, 156



73, 82, 74



0, 145, 14



0, 18, 2

Inverse Universe

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



146, 144, 164



185, 182, 214



156, 144, 164



74, 73, 82



15, 0, 145



2, 0, 18

Previews

White Background



This preview shows how the RYB color 144, 164, 146 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 144, 164, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

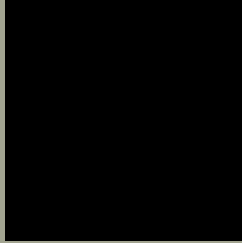
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

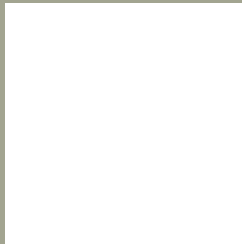
Any Text WCAG AAA ✓ Pass

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

RYB 144, 164, 146 Background



This preview shows how black text looks on a background with the RYB color 144, 164, 146.



This preview shows how white text looks on a background with the RYB color 144, 164, 146.

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
144, 164, 146

Protanopia
154, 170, 143

Deuteranopia
184, 160, 146



Tritanopia
166, 160, 173

Trichromacy



Original Color

144, 164, 146

Protanomaly

148, 167, 143

Deuteranomaly

176, 171, 145

Tritanomaly

165, 161, 162

Monochromacy



Original Color

144, 164, 146

Achromatopsia

161, 161, 161

Achromatomaly

155, 162, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 164, 146 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(162, 164, 144) looks like.

```
.text, #text, p{  
    color:rgb(162, 164, 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(162, 164, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 164, 144) }
```

Border

The CSS property to change the border of an element to RYB 144, 164, 146 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(162, 164, 144) }
```

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

```
.border{ border-color:rgb(162, 164, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 164, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 164, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 164, 144);  
box-shadow:4px 4px 4px 4px rgb(162, 164,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 144, 164, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 164, 144) }
```

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

```
.background{ background-color: rgb(162,  
164, 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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