

Converting Colors

`RYB(137, 164, 155)`

Have a look what the booklet for
RYB(137, 164, 155) contains.

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Color

R_YB(137, 164, 155)

Conversions

Conversions Part 1

Format	Color
Hex	92A489
RGB	146, 164, 137
RGB Percent	57%, 64%, 54%
CMY	0.4275, 0.3569, 0.4627
CMYK	0.11, 0.00, 0.16, 0.36
HSL	100°, 13%, 59%
HSV	100°, 16%, 64%
XYZ	29.6449, 34.4681, 28.7575
YIQ	155.5400, -2.0610, -12.2130

Conversions

Conversions Part 2

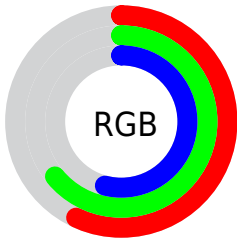
Format	Color
RYB	137, 164, 155
Decimal	9610377
CIELab	65.33, -11.49, 11.91
CIELCh	65, 16.546, 133.967
Yxy	34.4681, 0.3192, 0.3711
Android (android.graphics.Color)	4287800457 (0xFF92A489)
YUV	155.5400, -9.1402, -8.3666
Hunter-Lab	58.7095, -12.6095, 12.0548

Details

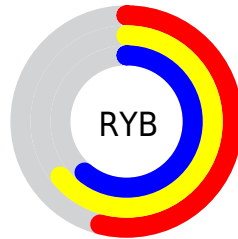
The RYB color **137, 164, 155** is a light color, and the websafe version is hex **999966**. A complement of this color would be **155, 137, 164**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **190, 219, 209**, and **87, 112, 104** is the 20% darker color. If you saturate the color by 10%, you get **121, 164, 150**, and if you desaturate by 10%, it is **153, 164, 160**.

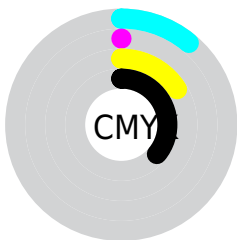
Distribution



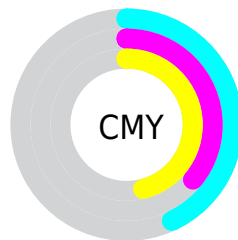
- Red (57%)
- Green (64%)
- Blue (54%)



- Red (54%)
- Yellow (64%)
- Blue (61%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (36%)



- Cyan (43%)
- Magenta (36%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 164, 155 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 137, 164, 155 by changing the saturation by 10% instead.

 137, 164, 155


255, 255, 255


 190, 219, 209

 218, 247, 237

 247, 255, 247


 137, 164, 155

 112, 138, 130

 87, 112, 104


 64, 88, 81


 42, 64, 57


 21, 42, 36

 0, 23, 23


 0, 0, 0

 137, 164, 155


 121, 164, 150

 137, 164, 155


 153, 164, 160


 104, 164, 144


 168, 164, 170


 88, 164, 139


 179, 164, 186

 71, 164, 133


 190, 164, 203

 55, 164, 128

 201, 164, 219

 39, 164, 123

 212, 164, 235

 22, 164, 117

 223, 164, 252

 6, 164, 111

 233, 164, 255

 0, 164, 109

 244, 164, 255

Harmonies

Analogous

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



133, 163, 130



137, 164, 155



130, 154, 167

Triad

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



137, 164, 155



132, 151, 187



190, 148, 152

Complementary

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



137, 164, 155



155, 137, 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.



184, 149, 167



137, 164, 155



151, 157, 187

Square

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



137, 164, 155



121, 146, 179



170, 153, 180



187, 155, 139

Rectangle

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



137, 164, 155



123, 147, 167



170, 153, 180



189, 148, 157

Sweetspot

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



137, 164, 155



203, 214, 210



151, 164, 137



101, 107, 105



235, 235, 235



107, 107, 107

Same Dimension

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



137, 164, 155



171, 214, 199



137, 161, 164



73, 82, 79



0, 145, 97



0, 18, 12

Inverse Universe

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



155, 137, 164



200, 171, 214



164, 137, 159



79, 73, 82



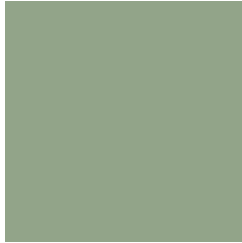
97, 0, 145



12, 0, 18

Previews

White Background



This preview shows how the RYB color 137, 164, 155 looks on a white background.

Color Contrast Check

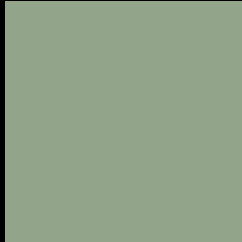
Large Text (above 18pt) WCAG AA × Fail

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 137, 164, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

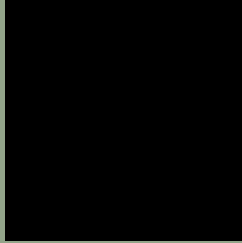
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

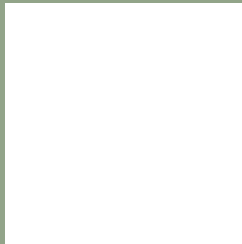
Any Text WCAG AAA ✓ Pass

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

RYB 137, 164, 155 Background



This preview shows how black text looks on a background with the RYB color 137, 164, 155.



This preview shows how white text looks on a background with the RYB color 137, 164, 155.

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





Tritanopia
151, 157, 172

Trichromacy



Original Color
137, 164, 155

Protanomaly
135, 160, 136

Deuteranomaly
155, 168, 138

Tritanomaly
149, 156, 161

Monochromacy



Original Color
137, 164, 155

Achromatopsia
156, 156, 156

Achromatomaly
149, 159, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 164, 155 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(146, 164, 137)` looks like.

```
.text, #text, p{  
    color:rgb(146, 164, 137)  
}
```

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(146, 164, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 164, 137) }
```

Border

The CSS property to change the border of an element to RYB 137, 164, 155 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(146, 164, 137) }
```

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

```
.border{ border-color:rgb(146, 164, 137) }
```

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

Here you see how a box with a 4 pixel rgb(146, 164, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 164, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 164, 137);  
box-shadow:4px 4px 4px 4px rgb(146, 164,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 137, 164, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 164, 137) }
```

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

```
.background{ background-color: rgb(146,  
164, 137) }
```

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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