

Converting Colors

`RYB(97, 129, 137)`

Have a look what the booklet for
RYB(97, 129, 137) contains.

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Color

`RYB(97, 129, 137)`

Conversions

Conversions Part 1

Format	Color
Hex	61896B
RGB	97, 137, 107
RGB Percent	38%, 54%, 42%
CMY	0.6196, 0.4627, 0.5804
CMYK	0.29, 0.00, 0.22, 0.46
HSL	135°, 17%, 46%
HSV	135°, 29%, 54%
XYZ	16.5293, 21.4942, 17.1875
YIQ	121.6200, -14.2100, -17.8100

Conversions

Conversions Part 2

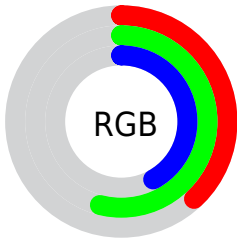
Format	Color
R_{YB}	97, 129, 137
Decimal	6392171
CIE _{Lab}	53.49, -20.42, 11.71
CIE _{LCh}	53, 23.543, 150.159
Yxy	21.4942, 0.2994, 0.3893
Android (android.graphics.Color)	4284582251 (0xFF61896B)
YUV	121.6200, -7.2077, -21.5917
Hunter-Lab	46.3619, -17.4932, 10.4730

Details

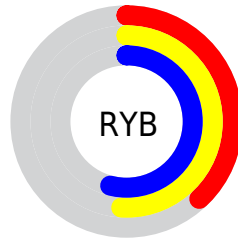
The RYB color **97, 129, 137** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **137, 97, 127**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **149, 184, 191**, and **49, 78, 87** is the 20% darker color. If you saturate the color by 10%, you get **83, 126, 137**, and if you desaturate by 10%, it is **111, 132, 137**.

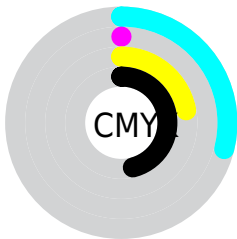
Distribution



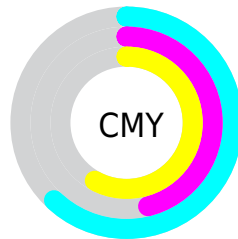
- Red (38%)
- Green (54%)
- Blue (42%)



- Red (38%)
- Yellow (51%)
- Blue (54%)



- Cyan (29%)
- Magenta (0%)
- Yellow (22%)
- Black (46%)



- Cyan (62%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 129, 137 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 97, 129, 137 by changing the saturation by 10% instead.



97, 129, 137



97, 129, 137

255, 255, 255



72, 102, 111



149, 184, 191



49, 78, 87



176, 211, 218



25, 53, 63



203, 239, 247



2, 30, 41



232, 249, 255



0, 20, 20



0, 0, 0



97, 129, 137



97, 129, 137



83, 126, 137



111, 132, 137



70, 124, 137



124, 134, 137

■ 56, 121, 137

■ 138, 137, 138

■ 42, 118, 137

■ 152, 137, 148

■ 28, 115, 137

■ 165, 137, 158

■ 15, 113, 137

■ 179, 137, 169

■ 1, 110, 137

■ 193, 137, 179

■ 0, 110, 137

■ 207, 137, 189

■ 220, 137, 199

Harmonies

Analogous

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



92, 133, 104



97, 129, 137



75, 110, 139

Triad

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



97, 129, 137



102, 122, 168



168, 115, 108

Complementary

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



97, 129, 137



137, 97, 127

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.



166, 113, 128



97, 129, 137



131, 123, 163

Square

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



97, 129, 137



75, 111, 162



154, 116, 148



159, 139, 93

Rectangle

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



97, 129, 137



65, 102, 141



154, 116, 148



169, 113, 115

Sweetspot

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



97, 129, 137



162, 176, 179



97, 137, 107



79, 87, 89



217, 217, 217



89, 89, 89

Same Dimension

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



97, 129, 137



116, 166, 179



97, 120, 137



62, 67, 69



0, 107, 133



0, 4, 5

Inverse Universe

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



137, 97, 127



179, 116, 163



137, 97, 107



69, 62, 67



133, 0, 99



5, 0, 4

Previews

White Background



This preview shows how the RYB color 97, 129, 137 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 97, 129, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

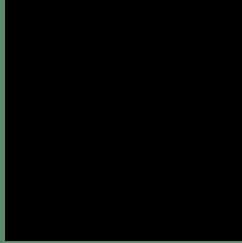
Any Text WCAG AA ✓ Pass

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](#).

R Y B 97, 129, 137 Background



This preview shows how black text looks on a background with the RYB color 97, 129, 137.



This preview shows how white text looks on a background with the RYB color 97, 129, 137.

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

97, 129, 137

Protanopia

113, 135, 102

Deuteranopia

146, 130, 110



Tritanopia
104, 120, 143

Trichromacy



Original Color

97, 129, 137

Protanomaly

104, 131, 114

Deuteranomaly

109, 128, 109

Tritanomaly

101, 119, 134

Monochromacy



Original Color

97, 129, 137

Achromatopsia

122, 122, 122

Achromatomaly

113, 124, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 129, 137 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(97, 137, 107)` looks like.

```
.text, #text, p{  
    color:rgb(97, 137, 107)  
}
```

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(97, 137, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 137, 107) }
```

Border

The CSS property to change the border of an element to RYB 97, 129, 137 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(97, 137, 107) }
```

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

```
.border{ border-color:rgb(97, 137, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 137, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 137, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 137, 107);  
box-shadow:4px 4px 4px 4px rgb(97, 137,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 97, 129, 137 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 137, 107) }
```

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

```
.background{ background-color: rgb(97, 137,  
107) }
```

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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