

Converting Colors

`RYB(140, 133, 102)`

Have a look what the booklet for
RYB(140, 133, 102) contains.

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Color

R_YB(140, 133, 102)

Conversions

Conversions Part 1

Format	Color
Hex	8C7766
RGB	140, 119, 102
RGB Percent	55%, 47%, 40%
CMY	0.4510, 0.5330, 0.6000
CMYK	0.00, 0.15, 0.27, 0.45
HSL	27°, 16%, 47%
HSV	27°, 27%, 55%
XYZ	19.8189, 19.7457, 15.3371
YIQ	123.3410, 17.9730, -0.8350

Conversions

Conversions Part 2

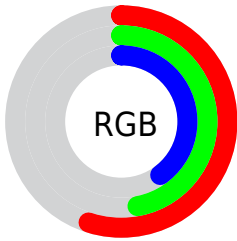
Format	Color
R_{YB}	140, 133, 102
Decimal	9205606
CIE _{Lab}	51.55, 5.34, 12.40
CIE _{LCh}	52, 13.501, 66.711
Yxy	19.7457, 0.3610, 0.3597
Android (android.graphics.Color)	4287395686 (0xFF8C7766)
YUV	123.3410, -10.5211, 14.6099
Hunter-Lab	44.4361, 1.8496, 10.6414

Details

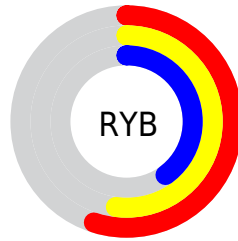
The RYB color **140, 133, 102** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102, 116, 140**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **194, 185, 153**, and **89, 85, 55** is the 20% darker color. If you saturate the color by 10%, you get **140, 129, 88**, and if you desaturate by 10%, it is **140, 136, 116**.

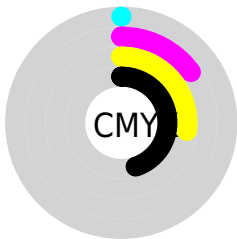
Distribution



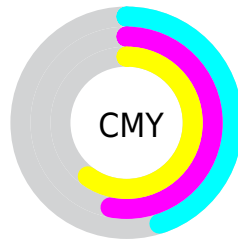
- Red (55%)
- Green (47%)
- Blue (40%)



- Red (55%)
- Yellow (52%)
- Blue (40%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (45%)




- Cyan (45%)
- Magenta (53%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the RYB color 140, 133, 102 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 140, 133, 102 by changing the saturation by 10% instead.

 140, 133, 102


255, 255, 255

 194, 185, 153

 222, 215, 180

 251, 244, 207

 236, 255, 236

 140, 133, 102

 114, 107, 78


 89, 85, 55


 65, 60, 34


 43, 41, 12


 20, 1, 0


 0, 0, 0


 140, 133, 102

 140, 129, 88

 140, 129, 74

 140, 133, 102

 140, 136, 116

 140, 137, 130

■ 140, 125, 60

■ 140, 141, 144

■ 140, 122, 46

■ 140, 146, 158

■ 140, 122, 32

■ 140, 152, 172

■ 140, 118, 18

■ 140, 156, 186

■ 140, 115, 4

■ 140, 161, 200

■ 140, 115, 0

■ 140, 166, 214

■ 140, 171, 228

Harmonies

Analogous

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



146, 117, 110



140, 133, 102



108, 129, 100

Triad

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



140, 133, 102



94, 113, 130



128, 119, 141

Complementary

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



140, 133, 102



102, 116, 140

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.



113, 121, 146



140, 133, 102



93, 113, 136

Square

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



140, 133, 102



104, 122, 129



100, 117, 144



140, 116, 132

Rectangle

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



140, 133, 102



102, 125, 106



100, 117, 144



123, 120, 143

Sweetspot

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



140, 133, 102



181, 178, 167



140, 102, 124



92, 90, 83



219, 219, 219



92, 92, 92

Same Dimension

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



140, 133, 102



181, 170, 121



105, 140, 102



69, 67, 62



133, 109, 0



5, 3, 0

Inverse Universe

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



102, 116, 140



121, 142, 181



102, 105, 140



62, 65, 69



0, 47, 133



0, 2, 5

Previews

White Background



This preview shows how the RYB color 140, 133, 102 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 140, 133, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

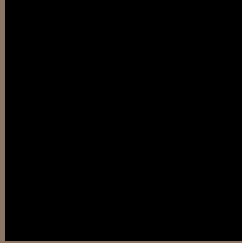
Any Text WCAG AA ✓ Pass

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 140, 133, 102 Background



This preview shows how black text looks on a background with the RYB color 140, 133, 102.



This preview shows how white text looks on a background with the RYB color 140, 133, 102.

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


140, 133, 102

Protanopia

114, 130, 104

Deuteranopia

142, 129, 102



Tritanopia
143, 116, 125

Trichromacy



Original Color

140, 133, 102

Protanomaly

123, 134, 103

Deuteranomaly

141, 129, 102

Tritanomaly

142, 117, 117

Monochromacy



Original Color

140, 133, 102

Achromatopsia

123, 123, 123

Achromatomaly

129, 129, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 133, 102 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(140, 119, 102) looks like.

```
.text, #text, p{  
    color:rgb(140, 119, 102)  
}
```

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(140, 119, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 119, 102) }
```

Border

The CSS property to change the border of an element to RYB 140, 133, 102 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(140, 119, 102) }
```

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

```
.border{ border-color:rgb(140, 119, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 119, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 119, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 119, 102);  
box-shadow:4px 4px 4px 4px rgb(140, 119,  
102) }
```

Background

The CSS property to change the background color of an element to RYB 140, 133, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 119, 102) }
```

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

```
.background{ background-color: rgb(140,  
119, 102) }
```

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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