

Converting Colors

`RYB(231, 133, 130)`

Have a look what the booklet for
RYB(231, 133, 130) contains.

RYB(231, 133, 130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(231, 133, 130)

Conversions

Conversions Part 1

Format	Color
Hex	E78582
RGB	231, 133, 130
RGB Percent	91%, 52%, 51%
CMY	0.0941, 0.4788, 0.4902
CMYK	0.00, 0.42, 0.44, 0.09
HSL	2°, 68%, 71%
HSV	2°, 44%, 91%
XYZ	45.3599, 35.3520, 25.5520
YIQ	161.9600, 59.3710, 19.8430

Conversions

Conversions Part 2

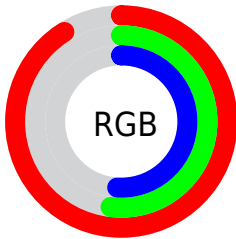
Format	Color
R _Y B	231, 133, 130
Decimal	15172994
CIE Lab	66.02, 37.19, 18.05
CIE LCh	66, 41.342, 25.893
Yxy	35.3520, 0.4269, 0.3327
Android (android.graphics.Color)	4293363074 (0xFFE78582)
YUV	161.9600, -15.7563, 60.5481
Hunter-Lab	59.4575, 32.1263, 16.1403

Details

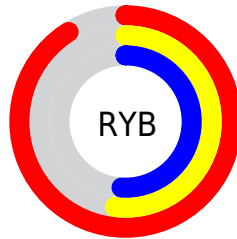
The RYB color **231, 133, 130** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **130, 180, 231**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 187, 183**, and **172, 81, 81** is the 20% darker color. If you saturate the color by 10%, you get **231, 110, 107**, and if you desaturate by 10%, it is **231, 155, 153**.

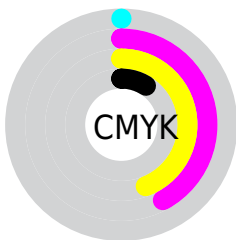
Distribution



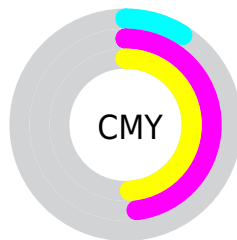
- Red (91%)
- Green (52%)
- Blue (51%)



- Red (91%)
- Yellow (52%)
- Blue (51%)



- Cyan (0%)
- Magenta (42%)
- Yellow (44%)
- Black (9%)





- Cyan (9%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RYB color 231, 133, 130 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 231, 133, 130 by changing the saturation by 10% instead.

 231, 133, 130

 231, 133, 130

255, 255, 255

 201, 107, 105


 255, 187, 183

 172, 81, 81

 255, 217, 211

 143, 56, 58

 255, 246, 239


 115, 31, 36


 88, 0, 16

 61, 0, 0

 34, 0, 1

 0, 0, 0

 231, 133, 130

 231, 133, 130

■ 231, 110, 107

■ 231, 155, 153

■ 231, 88, 84

■ 231, 178, 176

■ 231, 66, 61

■ 231, 200, 199

■ 231, 43, 38

■ 231, 223, 222

■ 231, 21, 14

■ 231, 238, 246

■ 231, 7, 0

■ 231, 243, 255

Harmonies

Analogous

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



227, 131, 167



231, 133, 130



217, 168, 100

Triad

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



231, 133, 130



107, 167, 176



91, 140, 234

Complementary

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



231, 133, 130



130, 180, 231

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.



0, 98, 221



231, 133, 130



46, 120, 180

Square

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



231, 133, 130



92, 168, 109



0, 93, 192



156, 153, 227

Rectangle

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



231, 133, 130



170, 199, 88



0, 93, 192



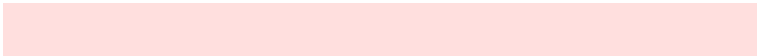
63, 128, 232

Sweetspot

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



231, 133, 130



255, 223, 222



231, 130, 229



128, 108, 107



0, 0, 0



128, 128, 128

Same Dimension

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



231, 133, 130



255, 126, 122



225, 231, 130



115, 104, 103



179, 5, 0



51, 1, 0

Inverse Universe

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



130, 180, 231



122, 187, 255



130, 163, 231



103, 109, 115



0, 88, 179



0, 25, 51

Previews

White Background



This preview shows how the RYB color 231, 133, 130 looks on a white background.

Color Contrast Check

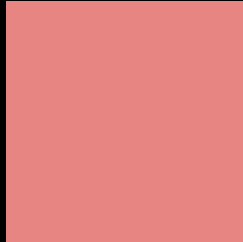
Large Text (above 18pt) WCAG AA × Fail

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 231, 133, 130 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 231, 133, 130 Background



This preview shows how black text looks on a background with the RYB color 231, 133, 130.




This preview shows how white text looks on a background with the RYB color 231, 133, 130.

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
232, 131, 141

Trichromacy



Original Color

231, 133, 130



Protanomaly

191, 153, 139



Deuteranomaly

204, 152, 127



Tritanomaly

232, 132, 137

Monochromacy



Original Color

231, 133, 130



Achromatopsia

162, 162, 162



Achromatomaly

187, 151, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 133, 130 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(231, 133, 130)` looks like.

```
.text, #text, p{  
    color:rgb(231, 133, 130)  
}
```

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(231, 133, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 133, 130) }
```

Border

The CSS property to change the border of an element to RYB 231, 133, 130 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(231, 133, 130) }
```

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

```
.border{ border-color:rgb(231, 133, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 133, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 133, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 133, 130);  
box-shadow:4px 4px 4px 4px rgb(231, 133,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 231, 133, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 133, 130) }
```

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

```
.background{ background-color: rgb(231,  
133, 130) }
```

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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