

Converting Colors

RGB(233, 151, 151)

Have a look what the booklet for
RGB(233, 151, 151) contains.

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Color

RGB(233, 151, 151)

Conversions

Conversions Part 1

Format	Color
Hex	E99797
RGB	233, 151, 151
RGB Percent	91%, 59%, 59%
CMY	0.0863, 0.4078, 0.4078
CMYK	0.00, 0.35, 0.35, 0.09
HSL	0°, 65%, 75%
HSV	0°, 35%, 91%
XYZ	50.2568, 41.6912, 34.6765
YIQ	175.5180, 48.8720, 17.3840

Conversions

Conversions Part 2

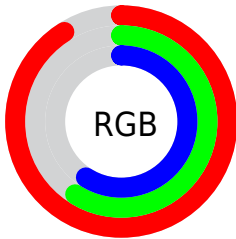
Format	Color
R _Y B	233, 151, 151
Decimal	15308695
CIE Lab	70.66, 30.79, 12.83
CIE LCh	71, 33.359, 22.617
Yxy	41.6912, 0.3969, 0.3293
Android (android.graphics.Color)	4293498775 (0xFFE99797)
YUV	175.5180, -12.0874, 50.4117
Hunter-Lab	64.5687, 25.9394, 13.3565

Details

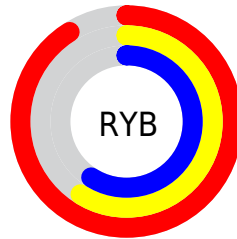
The RGB color **233, 151, 151** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **151, 233, 233**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 206, 205**, and **175, 99, 100** is the 20% darker color. If you saturate the color by 10%, you get **233, 128, 128**, and if you desaturate by 10%, it is **233, 174, 174**.

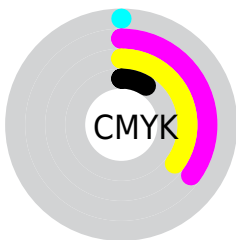
Distribution



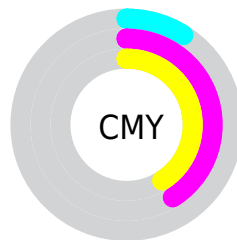
- Red (91%)
- Green (59%)
- Blue (59%)



- Red (91%)
- Yellow (59%)
- Blue (59%)



- Cyan (0%)
- Magenta (35%)
- Yellow (35%)
- Black (9%)




- Cyan (9%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RGB color 233, 151, 151 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 RGB color 233, 151, 151 by changing the saturation by 10% instead.

 233, 151, 151

 233, 151, 151

255, 255, 255

 204, 125, 125

 255, 206, 205

 175, 99, 100

 255, 234, 233

 147, 74, 76

 120, 50, 54


 93, 26, 32

 67, 0, 10

 44, 0, 1


 0, 0, 0


 233, 151, 151

 233, 151, 151

 233, 128, 128

 233, 174, 174

 233, 104, 104

 233, 198, 198

 233, 81, 81

 233, 221, 221

 233, 58, 58

 233, 244, 244

 233, 35, 35

 233, 255, 255

 233, 11, 11

 233, 0, 0

Harmonies

Analogous

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



227, 151, 182



233, 151, 151



223, 158, 126

Triad

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



233, 151, 151



135, 185, 135



120, 178, 232

Complementary

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



233, 151, 151



151, 233, 233

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.



78, 185, 220



233, 151, 151



99, 189, 164

Square

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



233, 151, 151



170, 178, 116



70, 189, 195



166, 168, 229

Rectangle

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



233, 151, 151



209, 165, 115



70, 189, 195



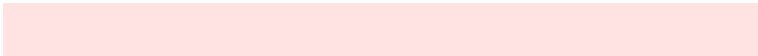
104, 181, 230

Sweetspot

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



233, 151, 151



255, 227, 227



233, 151, 233



128, 111, 111



0, 0, 0



128, 128, 128

Same Dimension

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



233, 151, 151



255, 148, 148



233, 192, 151



117, 106, 106



181, 0, 0



54, 0, 0

Inverse Universe

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



151, 233, 233



148, 255, 255



151, 192, 233



106, 117, 117



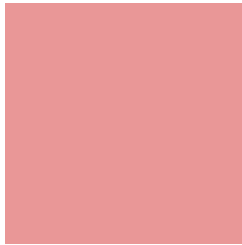
0, 181, 181



0, 54, 54

Previews

White Background



This preview shows how the RGB color 233, 151, 151 looks on a white background.

Color Contrast Check

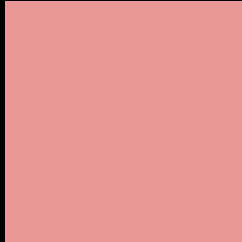
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 233, 151, 151 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](#).

RGB 233, 151, 151 Background



This preview shows how black text looks on a background with the RGB color 233, 151, 151.



This preview shows how white text looks on a background with the RGB color 233, 151, 151.

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
233, 151, 151

Protanopia
179, 173, 162

Deuteranopia
199, 167, 148



Tritanopia
234, 149, 161

Trichromacy



Original Color
233, 151, 151

Protanomaly
199, 165, 158

Deuteranomaly
211, 161, 149

Tritanomaly
234, 150, 157

Monochromacy



Original Color
233, 151, 151

Achromatopsia
176, 176, 176

Achromatomaly
197, 167, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 151, 151 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(233, 151, 151)` looks like.

```
.text, #text, p{  
    color:rgb(233, 151, 151)  
}
```

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(233, 151, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 151, 151) }
```

Border

The CSS property to change the border of an element to RGB 233, 151, 151 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(233, 151, 151) }
```

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

```
.border{ border-color:rgb(233, 151, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 151, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 151, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 151, 151);  
box-shadow:4px 4px 4px 4px rgb(233, 151,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 233, 151, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 151, 151) }
```

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

```
.background{ background-color: rgb(233,  
151, 151) }
```

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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